

American Natural Resources Company Cliffs Mining Company East Greenfield Investors, LLC Maxus Energy Corporation We Energies

Asbestos Survey

Former Milwaukee Solvay Coke & Gas Company Site 311 East Greenfield Avenue Milwaukee, Wisconsin

November 2, 2007

Project No. 1886



ASBESTOS SURVEY REPORT FORMER MILWAUKEE SOLVAY COKE & GAS COMPANY SITE 311 EAST GREENFIELD AVENUE MILWAUKEE, WISCONSIN

Project No: 1886

Prepared For:

American Natural Resources Company Cliffs Mining Company East Greenfield Investors, LLC Maxus Energy Corporation We Energies

Prepared By:

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November 2, 2007

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TABLE OF CONTENTS

1	INTR	ODUCT	TON	1-1
•	1.1	_	ew	
	1.2		al Site Information	
	1.3		t Contact Information	
2	REG	-	NS AND OBJECTIVE	
_	2.1		able Regulations	
	2.2		ive	
3		•	SURVEY AND SAMPLING	
•	3.1		ew	
	3.2		ing Strategy	
	3.3	•	ing Plan	
		3.3.1	Area A – Former Coke and Gas Production Area	
		3.3.2	Area B – Former Coal Storage Yard	3-2
		3.3.3	Area C – Historic Tanning and Furnace Company Area	
	3.4	Asbes	tos Survey and Results	
		3.4.1	Asbestos Survey Sample Collection Protocol	3-3
		3.4.2	Asbestos Survey Results Summary	3-4
		3.4.3	Conclusions	3-5
4	QUA	LIFICA	TIONS OF PROJECT PERSONNEL	4-1
	4.1	Projec	t Manager: Katherine M. Juno, PG	4-1
		4.1.1	Team Leader and Field Task Coordinator: Sarah A. Ganswindt	4-1
		4.1.2	Health & Safety Coordinator: Rebecca J. Caudill, PG	4-1
	4.2	Subco	ontractors	4-1
		4.2.1	Residential and Industrial Asbestos Removal: Timothy Klingbiel	4-2
		4.2.2	Micro Analytical, Inc.	4-2
		4.2.3	EMSL Analytical, Inc	4-2
	4.3	Projec	t Team Resumes and Certifications	4-2

FIGURE

Figure 1 Site Location Map (1886-1-A11)

TABLES

Table 1	Material Samples Area A 1-37
Table 2	Material Samples Area B 1-10
Table 3	Material Samples Area C 1-19
Table 4	Miscellaneous Material Samples
Table 5	Material Samples Area A 1-48
Table 6	Material Samples Area B 1-50
Table 7	Material Samples Area C 1-57
Table 8	Soil Samples CARB Method 435

APPENDICES

Appendix A: Asbestos Laboratory Analytical Results (Micro Analytical)

Appendix B: Asbestos Laboratory Analytical Results (EMSL Analytical, Inc.)

Appendix C: Certifications

SHEET

Sheet 1 Sample Locations (1886-2-D01)

Sheet 2 Graphic Representation of Asbestos Survey Results (1886-2-D05)

1 INTRODUCTION

1.1 Overview

Natural Resource Technology, Inc. (NRT) was retained by American Natural Resources Company, Cliffs Mining Company, East Greenfield Investors, LLC, Maxus Energy Corporation and We Energies (*Technical Committee*) to perform an asbestos assessment for the former Milwaukee Solvay Coke and Gas Company Site (Solvay Coke), referenced by the street address of 311 East Greenfield Avenue, Milwaukee, Wisconsin (Figure 1). The site is approximately 46 acres in size and is developed with multiple structures and dilapidated buildings.

Stockpiles of various material, including demolition debris and recyclables (metal, concrete, wood, coke oven brick, coke breeze, coal fines, and soil) currently occupy the site and resulted from both Removal Actions (EPA, 2003 and 2004) and past material management activities (Wisconsin Wrecking, former tenant). The site consists of three general areas (as shown on Sheet 1).

Location	Description
Area A – Former Coke and Gas Production Area	The greatest amount of demolition debris was observed in this area during the July 23, 2007 preproposal site visit, including coke oven demolition waste. Other structures remain in this area.
Area B – Former Coal Storage Yard	Piles of recyclables (primarily concrete) and crushed concrete stockpiles were observed.
Area C – Historic Tanning and Furnace Company Area	Various stockpiles of recyclables and debris are located in this area.

1.2 General Site Information

Technical

American Natural Resources Company

Committee:

Cliffs Mining Company

East Greenfield Investors, LLC Maxus Energy Corporation

We Energies

Facility Name

Former Milwaukee Solvay Coke & Gas Company Site

and Location:

311 East Greenfield Avenue Milwaukee, Wisconsin 53204

Milwaukee County

NW 1/4 of the NW 1/4 of Sec 04, T06N, R22E (Figure 1)

BRRTS

BRRTS #: 02-41-466662

Facility ID:

Facility ID: 241219880 Number and

Project

Asbestos survey of former Milwaukee Solvay Site. Work included a site

Description:

reconnaissance, sampling of materials, data evaluation, and preparation of this report.

1.3 Project Contact Information

Technical

TERSCO Environmental Consulting

Committee

10265 Woodbury Road, Laingsburg, MI 48848

Representative:

Contact: Teresa C. Jordan (517) 651-2400

Consultant:

Natural Resource Technology, Inc.

23713 West Paul Road, Suite D, Pewaukee, WI 53072

Contact: Katherine M. Juno, Senior Geologist (262) 522-1192 or

Sarah A. Ganswindt, Environmental Technician (262) 522-1202

Sub-Contracted

Residential and Industrial Asbestos Removal LLC

Asbestos

2103 Rambling Rose Rd, Waukesha WI 53186

Inspector:

Contact: Timothy A. Klingbiel (262) 389-4194

Asbestos

Micro Analytical

Analytical Laboratories: 11521 West North Avenue, Milwaukee, WI 53226 Contact: Jon Yakish, Project Manager (414) 771-0855

EMSL Analytical, Inc.

2001 East 52nd Street, Indianapolis, IN 46205

Contact: Karen Kennedy, Project Manager (866)-736-4824

2 REGULATIONS AND OBJECTIVE

2.1 Applicable Regulations

NRT's site reconnaissance and survey of the former Solvay Coke facility revealed the presence of asbestos-containing building materials (ACBMs), including TransiteTM, roofing, flashing, gaskets, and other debris. ACBMs are generally categorized as follows:

- <u>Friable Asbestos</u> Fibers may be released by hand pressure. Friable asbestos-containing material (ACM) typically includes pipe insulation, boiler jackets, and spray-on fireproofing material. Friable ACBM must always be removed prior to demolition.
- <u>Category I Non-friable</u> Includes resilient floor covering, asphalt roofing products, gaskets and packings. Category I ACM does not have to be removed prior to a normal demolition if it is not in poor condition prior to starting the demolition. However; if demolition materials will be recycled, all ACM must be removed prior to the demolition.
- <u>Category II Non-friable</u> Any non-friable ACM that is not in Category I, and typically includes cementatious materials such as TransiteTM. These materials normally become Regulated Asbestos Containing Material (RACM) as a result of demolition and therefore must be removed prior to demolition.

Any non-friable ACM that would be sanded, ground, cut, abraded or mechanically chipped is to be treated as RACM. If the demolition materials will be recycled, all ACM must be removed prior to the demolition. Furthermore, if the ACM becomes crumbled, pulverized, or reduced to powder as a result of demolition practices, all materials must be treated as RACM including those demolition materials commingled with the RACM.

As indicated above, the presence of Category II material such as TransiteTM type material, is of particular concern in that it easily becomes RACM during demolition, and all materials commingled with RACM must be treated as RACM. By this definition, any debris pile commingled with Category II ACBM must be managed and disposed as RACM.

2.2 Objective

The objective of the asbestos survey for the site is to estimate the types and estimated quantities of ACM present at the site.

3 ASBESTOS SURVEY AND SAMPLING

3.1 Overview

The following is a summary of the asbestos survey performed for the former Solvay Coke facility, the results of which will have special relevance to future activities conducted at the facility grounds.

3.2 Sampling Strategy

As neither the Environmental Protection Agency (EPA) nor Wisconsin Department of Natural Resources (WDNR) has established a method for conducting a survey of stockpiled materials and/or soil, NRT used the California Air Resources Board (CARB) Test Method 435 as a guide to the frequency and number of samples of soil and/or other stockpiled materials that may have become contaminated with asbestos but not normally associated with asbestos (concrete, crushed concrete, metal, wood, coal fines). The CARB Test Method 435 Protocol, used to evaluate naturally occurring asbestos deposits, requires one sample per acre or one sample per 1,000 tons of stockpiled materials. CARB Test Method 435 defines asbestos containing as more than 0.25% asbestos.

In addition, bulk material samples of potential ACBM and other materials were collected using ASTM International (ASTM) Standards and WDNR, EPA and National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulations and/or recommendations for sampling on-site materials. ASTM E2356-04 defines a bulk asbestos sample as a sample (3 samples per set) of suspect ACBM collected for the identification of asbestos and determination of the percent of the components in the material sampled. Bulk material samples were analyzed by a National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program and Proficiency Analytical Testing accredited laboratory utilizing Polarized Light Microscopy (PLM) as a testing method for samples.

Materials determined to contain more than 1% asbestos are considered ACM. 40 CFR, Part 763 (Toxic Substances Control Act-Asbestos) requires negative results from three samples of a particular suspect material to consider it as non-ACM. Only one positive sample result is required to confirm that a material contains asbestos. Accordingly, a minimum of three bulk samples of each suspect ACM were collected and analyzed sequentially. If the first sample result was positive, the other two were not analyzed. However, if the first sample result was negative, the remaining two samples were analyzed to confirm that asbestos was not

present. In compliance with the protocol requested by WDNR, when trace amounts of asbestos are found in bulk samples, "point count" analysis was implemented.

3.3 Sampling Plan

3.3.1 Area A – Former Coke and Gas Production Area

NRT collected samples of ACBM from the area of the coke oven debris (Area A); specifically bricks, mortar, and material that may be adhered to an individual sample, as well as samples of various building debris observed to confirm the presence or absence of asbestos. The sampling number and frequency of the stockpiles contained in Area A (with the exception of the wood or metal piles) was determined in accordance with CARB Test Method 435 sampling guidance (one sample for each approximate 1,000 tons of material). Area A (assumed to be the most impacted area) contains one large debris pile consisting of brick, mortar, wood and metal debris, the volume of which is approximately 26,000 tons. This area contains at least 35 piles of debris consisting of gravel, coal, concrete and/or brick and at least 11 debris piles that are comprised of wood or metal. Based on the volume of stockpiles located throughout Area A, at least one sample was obtained from each pile and analyzed by PLM.

Since the soils in Area A had the greatest potential of being contaminated with asbestos, a limited number of soil samples were collected in areas where visible ACBM was found scattered on the ground surface. These samples were therefore analyzed only for the presence or absence of asbestos fibers, but were not subjected to a quantitative CARB Method 435 analysis.

3.3.2 Area B – Former Coal Storage Yard

Area B consists of the former coal storage area, and some stockpiled recyclable materials are located in this area. Area B contains concrete, gravel and/or coal piles and at least one wood debris pile, materials that are not normally associated with asbestos. Therefore, the sampling number and frequency for these stockpiles was determined in accordance with CARB Test Method 435 sampling guidance (one sample for each approximate 1,000 tons of material) and were collected and analyzed by PLM.

In addition, soil samples were collected in this area on a 100 by 100 foot sampling grid, and samples were analyzed by PLM, with qualitative results reported. A composite sample was created from the soil samples (corresponding to each of four grid areas) for a total of 12 composite samples (one per acre), and these samples were analyzed in accordance with CARB Test Method 435.

3.3.3 Area C - Historic Tanning and Furnace Company Area

Area C includes several stockpiles of debris and recyclables including asphalt, coal, concrete, or brick and at least one wood debris pile. Again, the presence or absence of asbestos contamination in this area was not known. The materials stockpiled within Area C are not normally associated with asbestos. The sampling number and frequency of these stockpiles was determined in accordance with CARB Test Method 435 sampling guidance (one sample for each approximate 1,000 tons of material). These samples were also analyzed by PLM, and the percent asbestos was quantified.

In addition, soil samples in this area were collected on a 100 by 100 foot sampling grid, for a total of approximately 60 samples. Again, these samples were analyzed by PLM, with qualitative results reported. A composite sample was created from the soil samples (corresponding to each of five grid areas) for a total of 14 composite samples (one per acre), and these samples were analyzed in accordance with CARB Test Method 435.

3.4 Asbestos Survey and Results

3.4.1 Asbestos Survey Sample Collection Protocol

Prior to the asbestos survey and on-site sampling event, a health and safety plan (HASP) was prepared specific to the tasks conducted by NRT at the facility grounds and was incorporated into our existing master health and safety plan. The site-specific HASP identified methods unique to this site that minimized airborne migration of asbestos fibers and provided recommendations for limiting potential exposure to asbestos fibers of personnel while on the facility grounds.

On August 13 and 14, 2007, Ms. Sarah A. Ganswindt (Wisconsin Asbestos Inspector No. AII-103433) and Mr. Timothy A. Klingbiel of Residential and Industrial Asbestos Removal LLC (RIAR) (Wisconsin Asbestos Inspector No. AII-115541) collected bulk samples of materials found within the three areas (Sheet 2). Ms. Ganswindt and Mr. Klingbiel were accompanied by Mr. Mark Davis, Air Management Specialist for the WDNR during portions of the site reconnaissance and sampling event. The WDNR Air Management Program works to maintain or improve Wisconsin's air quality in order to protect public health and the environment; therefore, staff monitor the air for pollutants, inspect emission sources, provide compliance assistance to industry, and initiate enforcement actions when necessary. Since asbestos is a fiber and readily becomes airborne, it is regulated under the WDNR Air Management Program. During the survey, additional samples (31) were obtained under the direction and/or recommendations of Mr. Davis. A total of 107 bulk material samples suspected to contain asbestos were collected from the site. Materials sampled included:

- Brick and Mortar;
- Resinous materials;
- Roofing materials;
- Compact board;
- Gaskets;
- Rope;
- Pipe insulation;

- Transite;
- Packing material;
- Insulation;
- Concrete board;
- Coal;
- Gravel; and
- Concrete rubble.

The bulk material samples were submitted to Micro Analytical in Milwaukee, Wisconsin for analysis utilizing dispersion staining sample preparation and PLM for asbestos identification and quantification.

On August 15th 2007, NRT and RIAR conducted soil sampling at the facility grounds to determine if on-site soils contain asbestos and/or asbestos fibers. NRT and RIAR collected a total of 48 soil samples from Area A, 50 soil samples from Area B, and 57 soil samples from Area C. The soil samples were submitted to Micro Analytical in Milwaukee, Wisconsin for analysis utilizing dispersion staining sample preparation and polarized light microscopy (PLM) for asbestos identification and qualitative analysis. Since soil is not a manufactured material, PLM analysis of soil samples resulted in a qualitative analysis, rather than a quantitative analysis like that for ACBMs.

Following the collection of site soils, composite samples were made (corresponding to each grid area) for a total of 12 composite samples (one per acre) for Area B and 14 composite samples (one per acre) for Area C. The samples were transported to EMSL Analytical, Inc (EMSL) via Federal Express to their laboratory in Indianapolis, Indiana for PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity. CARB Test Method 435 for soils is a quantitative method with a detection limit of 0.25%. Soils with asbestos detected at or above the detection limit is considered asbestos-containing.

3.4.2 Asbestos Survey Results Summary

The results of the asbestos survey are graphically represented on Sheet 2 and summarized below.

3.4.2.1 Bulk Samples - ACBM and Material Stockpiles

The results of the PLM analysis of bulk samples indicate that asbestos was present and detected in a black resinous material that was adhered to brick or concrete samples as well as in roofing material, compact board, concrete board, transite, rope and gaskets. No other building materials submitted for analyses (including brick, concrete and/or mortar) were found to contain asbestos (Tables 1 through 4). None of the recyclable material stockpiles (concrete, brick, metal, gravel or asphalt) were found to contain detectable levels of asbestos.

3.4.2.2 Soil Samples

The qualitative analysis for soil (by PLM) identifies whether or not asbestos fibers are present. Because the analysis is qualitative, only one fiber needs to be present within a soil sample for the laboratory analysis to indicate that asbestos is present. The results of the qualitative PLM soil analysis indicate that asbestos fibers were present in 20 soil samples from Area A, nine soil samples from Area B, and 10 soil samples from Area C (Tables 5 through 7). Results of the CARB Method 435 analytical testing indicate that asbestos was not detected (quantitatively) in any composite soil sample submitted for analysis (Table 8). Soil sampling locations are presented on Sheet 1.

3.4.2.3 Other Pertinent Observations

NRT observed at least 20 additional debris piles that were not previously mapped. NRT did not attempt to map and sample the additional piles as they are small relative to the other piles located on the site and mainly consisted of concrete, brick, dirt, stone, asphalt coal and/or dirt with metal. The majority of theses small piles were located on the southern portion of the site (Area C) near the Kinnickinnic River. Additional small piles that may be found within Area A that contain building material debris should be considered asbestos containing and should be evaluated individually, while the Area C piles are not considered asbestos containing; however, if ACM debris is observed on or adjacent to any piles, the pile should be further evaluated.

3.4.3 Conclusions

As depicted on Sheet 2, asbestos was generally not detected in stockpiled materials, but was detected in most of the building materials and miscellaneous materials sampled. This suggests that ACBMs and miscellaneous ACMs could be sorted from a recyclable material (such as brick or concrete) if the recyclable material is washed to remove asbestos fibers and provided that ACM is not adhered to the recyclable substrate.

Asbestos fibers were qualitatively identified in some soils samples, primarily those collected from Area A, where most of the building demolition debris is concentrated, and near the gravel drive and stockpiles of Area C, while composite soil samples analyzed by CARB Test Method 435 indicated that asbestos was not quantitatively detected. The quantitative soil results suggest that soil removal is not warranted in these areas, although the qualitative results indicate that certain health and safety practices should be employed by those working at the site. NRT recommends that any future soil testing be completed by the CARB Test Method 435.

4 QUALIFICATIONS OF PROJECT PERSONNEL

4.1 Project Manager: Katherine M. Juno, PG

NRT's project manager, Katherine M. Juno, has 21 years of experience in geotechnical, construction, and environmental consulting, including risk and cost management in demolition and deconstruction projects. She is accredited by the Building Materials Reuse Association (BMRA) as a Building Deconstruction Professional. Her experience ranges from pre-demolition/renovation assessments to large-scale demolition to property development.

4.1.1 Team Leader and Field Task Coordinator: Sarah A. Ganswindt

Sarah Ganswindt is a Senior Environmental Technician with over 11 years of experience in asbestos inspections and abatement, demolition, site investigation, remediation, chain-of-custody procedures, and health and safety monitoring. She is a state-licensed asbestos inspector and supervisor and has served as Asbestos Supervisor and OSHA Competent Person on nearly 30 acres of building demolition over the past five years.

4.1.2 Health & Safety Coordinator: Rebecca J. Caudill, PG

Ms. Caudill possesses 16 years professional consulting experience in remedial site investigation. In addition, she is responsible for staff development and training in health & safety as well as technical quality assurance. Rebecca assures that the company and staff meet or exceed all OSHA requirements for medical monitoring and training. She will assist in the development, implementation and documentation of Health & Safety programs for this assignment.

4.2 Subcontractors

NRT procured the following subcontractors for this project.

4.2.1 Residential and Industrial Asbestos Removal: Timothy Klingbiel

Mr. Timothy Klingbiel of Residential and Industrial Asbestos Removal, LLC (RIAR) assisted Ms. Ganswindt in identifying sample locations and in collecting samples. Mr. Klingbiel has over 10 years of experience performing asbestos testing and abatement and is a state-certified asbestos inspector and supervisor.

4.2.2 Micro Analytical, Inc.

Micro Analytical provided all PLM analyses for the project. Micro Analytical has been serving the Milwaukee area since 1999 and is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). They are accredited with the American Industrial Hygiene Association and adhere to Proficiency Analytical Testing (PAT) standards for fiber testing. Mr. Jon Yakish, President, has more than 16 years for experience as an analyst. Senior Microscopist, Art Warneke III has more than 17 years of experience as an analyst. Mr. Yakish is certified in Advanced Asbestos Identification, and Mr. Warneke is certified in Microscopical Identification of Asbestos from the McCrone Research Institute.

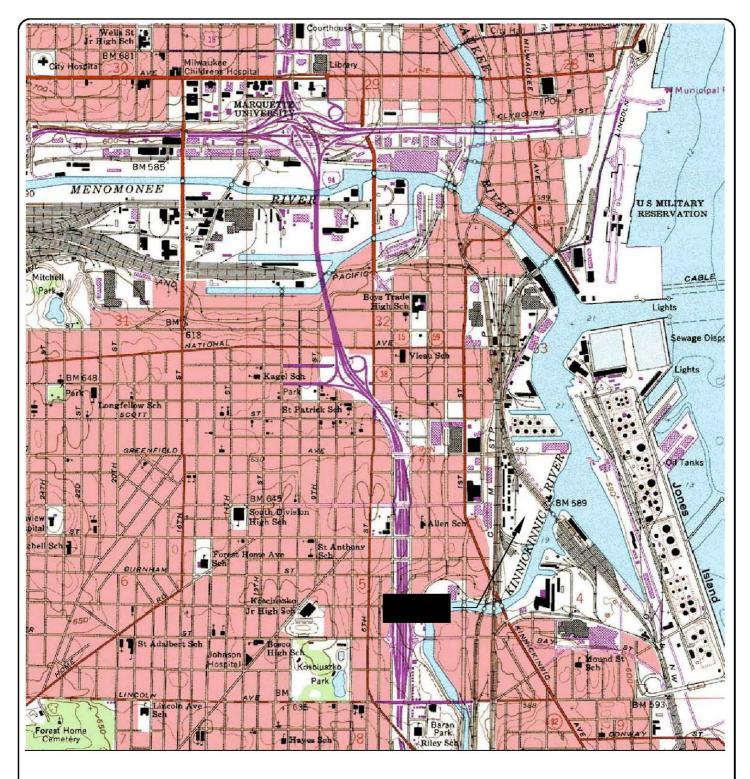
4.2.3 EMSL Analytical, Inc

EMSL Analytical, Inc (EMSL) provided all CARB 435 analyses for the project. As the nation's leading asbestos testing laboratory, EMSL's network of laboratories has been providing analytical services since 1981. EMSL's operations include a nationwide network of analytical laboratories. EMSL is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program and Proficiency Analytical Testing.

4.3 Project Team Resumes and Certifications

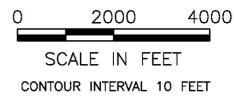
Applicable project personnel and subcontractor certifications for the project team are included in Appendix C.

FIGURES



SOURCE: EARTHVISIONS U.S. TERRAIN SERIES, © EARTHVISIONS, INC. 603-433-8500. USGS 7.5 MINUTE QUADRANGLE, MILWAUKEE, WISCONSIN. DATED 1958. PHOTOREVISED 1971.





SITE LOCATION MAP



NATURAL FORMER MILWAUKEE SOLVAY COKE AND GAS COMPANY SITE RESOURCE MILWAUKEE, WISCONSIN

DRAWN BY: BJK 08/30/07 APP'D BY: KMJ DATE: 08/30/07

PROJECT NO. 1886

DRAWING NO. 1886-A01

FIGURE NO.

TABLES

Table 1 Asbestos Survey Former Milwaukee Solvay Coke & Gas Company Site Material Samples Area A 1-16

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
(A-1-1) DP-1 a,b,c	Debris Pile-Brick	None Detected	Not Applicable	Not Applicable
(A-1-2) DP-2 a,b,c	Debris Pile-Brick	None Detected	Not Applicable	Not Applicable
(A-1-3) DP-3 a,b,c	Debris Pile-Brick	None Detected	Not Applicable	Not Applicable
(A-1-4) DP-4 a,b,c	Debris Pile-Black Material Adhered to Brick	10% Chrysotile	Not Applicable	Black Resinous
(A-1-5) DP-5 a,b,c	Debris Pile with Roofing Material	30% Chrysotile	Not Applicable	Black Resinous
(A-1-6) DP-6 a,b,c	Debris Pile-Mortar	None Detected	Not Applicable	Not Applicable
(A-1-7) DP-7 a,b,c	Debris Pile-Mortar	None Detected	Not Applicable	Not Applicable
(A-1-8) DP-8 a,b,c	Debris Pile-Mortar and Rope	Trace	<0.25	Not Applicable
A-2 a,b,c	Black Material Adhered to Brick	15% Chrysotile	Not Applicable	Black Resinous
A-3 a,b,c	Asphalt Roofing Material	25% Chrysotile	Not Applicable	Black Resinous
A-4 a,b,c	Brick and Mortar	None Detected	Not Applicable	Not Applicable
A-5 a,b,c	Wood-Lift Sample	None Detected	Not Applicable	Not Applicable
A-6-1 a,b,c	Concrete	None Detected	Not Applicable	Not Applicable
A-6-2 a,b,c	Slate	None Detected	Not Applicable	Not Applicable
A-6-3 a,b,c	Compact Board	25% Chrysotile	Not Applicable	Brown Compact
A-7	Metal Pile-Lift Sample	None Detected	Not Applicable	Not Applicable
A-8 a,b,c	Dirt Pile	None Detected	Not Applicable	Not Applicable
A-9 a,b,c	Concrete w/ Re-bar	None Detected	Not Applicable	Not Applicable
A-10 a,b,c	Concrete Pile/Concrete Liner on Door	None Detected	Not Applicable	Not Applicable
A-11 a,b,c	Concrete	None Detected	Not Applicable	Not Applicable
A-12 a,b,c	Wood-Lift Sample	None Detected	Not Applicable	Not Applicable
A-13 a,b,c	Concrete Inside Metal Door	None Detected	Not Applicable	Not Applicable
A-14 a,b,c	Concrete Pile with Re-bar	None Detected	Not Applicable	Not Applicable
A-15 a,b,c	Concrete Pile with Roofing Material	35% Chrysotile	Not Applicable	Black Resinous
A-16 a,b,c	Concrete Pile with Roofing Material	45% Chrysotile	Not Applicable	Black Resinous

Bold indicates asbestos detected in sample.

O: SAG CKD: BJK QA: JTB 070828 QA2: KMJ 070830



Table 1 (continued) Asbestos Survey Former Milwaukee Solvay Coke & Gas Company Site Material Samples Area A 17-37

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
A-17 a,b,c	Concrete Cement w/Rebar	None Detected	Not Applicable	Not Applicable
A-18 a,b,c	Firebrick	None Detected	Not Applicable	Not Applicable
A-19 a,b,c	Firebrick	None Detected	Not Applicable	Not Applicable
A-20 a,b,c	Concrete Slab w/Rebar	None Detected	Not Applicable	Not Applicable
A-21 a,b,c	Coal Pile	None Detected	Not Applicable	Not Applicable
A-22 a,b,c	Concrete Pile	None Detected	Not Applicable	Not Applicable
A-23 a,b,c	Concrete Board	10% Chrysotile	Not Applicable	Black Loose
A-24 a,b,c	Coal Pile with Transite	20% Chrysotile	Not Applicable	Gray Compact
A-25 a,b,c	Concrete	None Detected	Not Applicable	Not Applicable
A-26 a,b,c	Coal	None Detected	Not Applicable	Not Applicable
A-27 a,b,c	Debris Pile	None Detected	Not Applicable	Not Applicable
A-27 a,b,c	Ground Mix	None Detected	Not Applicable	Not Applicable
A-28 a,b,c	Wood Pile-Lift	None Detected	Not Applicable	Not Applicable
A-29 a,b,c	Wood Pile-Lift	None Detected	Not Applicable	Not Applicable
A-30 a,b,c	Wood Pile-Lift	None Detected	Not Applicable	Not Applicable
A-31 a,b,c	Gravel Pile/Gaskets and Rope	None Detected	Not Applicable	Not Applicable
A-32 a,b,c	Concrete Pile	None Detected	Not Applicable	Not Applicable
A-33 a,b,c	Wood Pile-Lift	None Detected	Not Applicable	Not Applicable
A-34 a,b,c	Razor Wire - Did Not Sample	Not Applicable	Not Applicable	Not Applicable
A-35 a,b,c	Wood Pile-Lift	None Detected	Not Applicable	Not Applicable
A-36 a,b,c	Coal Pile	5 % Chrysotile	Not Applicable	Brown Loose
A-37 a,b,c	Dirt Pile	None Detected	Not Applicable	Not Applicable

Bold indicates asbestos detected in sample.

O: SAG CKD: BJK QA: JTB 070828 QA2: KMJ 070830



Area A 17-37 2 of 13

Table 2
Asbestos Survey
Former Milwaukee Solvay Coke & Gas Company Site
Material Samples Area B 1-10

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
B-1 a,b,c	Concrete Rubble	None Detected	Not Applicable	Not Applicable
B-2	Wood Pile-Lift Sample	None Detected	Not Applicable	Not Applicable
B-3 a,b,c	Gravel Pile	None Detected	Not Applicable	Not Applicable
B-4 a,b,c	Concrete Rubble	None Detected	Not Applicable	Not Applicable
B-5 a,b,c	Concrete Rubble	None Detected	Not Applicable	Not Applicable
B-6 a,b,c	Coal	None Detected	Not Applicable	Not Applicable
B-7 a,b,c	Roofing Asphalt	None Detected	Not Applicable	Not Applicable
B-8 a,b,c	Coal Pile	None Detected	Not Applicable	Not Applicable
B-9 a,b,c	Coal	Trace	<0.25	Black Loose
B-10 a,b,c	Coal	None Detected	Not Applicable	Not Applicable

O: SAG CKD: BJK QA: JTB 0708

Bold indicates asbestos detected in sample.



Area B 1-10 3 of 13

Table 3 Asbestos Survey Former Milwaukee Solvay Coke & Gas Company Site Material Samples Area C 1-19

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
C-1 a,b,c	Wood Pile-Brick and Mortar	None Detected	Not Applicable	Not Applicable
C-2 a,b,c	Gasket	None Detected	Not Applicable	Not Applicable
C-3 a,b,c	Concrete Rubble Pile	None Detected	Not Applicable	Not Applicable
C-4 a,b,c	Coal Rubble	None Detected	Not Applicable	Not Applicable
C-5 a,b,c	Coal Rubble	None Detected	Not Applicable	Not Applicable
C-6 a,b,c	Brick Mortar	None Detected	Not Applicable	Not Applicable
C-7 a,b,c	Coal	None Detected	Not Applicable	Not Applicable
C-8 a,b,c	Coal	None Detected	Not Applicable	Not Applicable
C-9 a,b,c	Coal and Rubble	None Detected	Not Applicable	Not Applicable
C-10 a,b,c	Coal	None Detected	Not Applicable	Not Applicable
C-11 a,b,c	Concrete and Rubble	None Detected	Not Applicable	Not Applicable
C-12 a,b,c	Brick Mortar	None Detected	Not Applicable	Not Applicable
C-13 a,b,c	Brick Mortar	None Detected	Not Applicable	Not Applicable
C-14 a,b,c	Concrete Rubble	None Detected	Not Applicable	Not Applicable
C-15 a,b,c	Mortar	None Detected	Not Applicable	Not Applicable
C-16 a,b,c	Coal Pile	None Detected	Not Applicable	Not Applicable
C-17 a,b,c	Coal Pile	None Detected	Not Applicable	Not Applicable
C-18 a,b,c	Brick and Rubble	None Detected	Not Applicable	Not Applicable
C-19 a,b,c	Asphalt	None Detected	Not Applicable	Not Applicable

Bold indicates asbestos detected in sample.



Table 4
Asbestos Survey
Former Milwaukee Solvay Coke & Gas Company Site
Miscellaneous Material Samples

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
Misc 1 a,b,c	Rope/Runs Through Brick	65% Chrysotile	Not Applicable	Gray Plied (twisted strands)
Misc 2 a,b,c	Gasket at Metal Pile	30% Chrysotile	Not Applicable	Brown Woven
Misc 3 a,b,c	Gasket at Metal Cylinder	50% Chrysotile	Not Applicable	Gray Compact
Misc 4 a,b,c	Mortar in Chimney Stack	None Detected	Not Applicable	Not Applicable
Misc 5 a,b,c	Brick Inside Metal Door	None Detected	Not Applicable	Not Applicable
Misc 6-1 a,b,c	Roof Material in Front of Structure	60% Chrysotile	Not Applicable	Gray Compressed
Misc 6-2 a,b,c	Roof Material in Front of Structure	20% Chrysotile	Not Applicable	Black Resinous
Misc 7 a,b,c	Roofing Material	60% Chrysotile	Not Applicable	Gray Compressed
Misc 8 a,b,c	Brick and Mortar Brick and Mortar	None Detected	Not Applicable	Not Applicable
Misc 9 a,b,c	Transite	20% Chrysotile	Not Applicable	Gray Compressed
Misc 10 a,b,c	Rope Gasket	60% Chrysotile	Not Applicable	Gray Woven
Misc 11 a,b,c	Roofing Material	35% Chrysotile	Not Applicable	Black Resinous
Misc 12 a,b,c	Pipe Insulation	30% Chrysotile	Not Applicable	Off-White Compressed
Misc 13 a,b,c	Packing Material	30% Chrysotile	Not Applicable	Off-White Compressed
Misc 14 a,b,c	Roofing Material	None Detected	Not Applicable	Not Applicable
Misc 15 a,b,c	Roofing Material	20% Chrysotile	Not Applicable	Gray Compact
Misc 16 a,b,c	Cardboard Insulator	60% Chrysotile	Not Applicable	Brown-Off-White Brown Compressed
Misc 17 a,b,c	Firebrick	None Detected	Not Applicable	Not Applicable
Misc 18 a,b,c	Cloth Wire	20% Chrysotile	Not Applicable	Off-White Insulated Wire
Misc 19 a,b,c	Coal Pile	20% Chrysotile	Not Applicable	Gray Compact
Misc 20 a,b,c	Black Material Adhered to Concrete	30% Chrysotile	Not Applicable	Black Resinous
Misc 21 a,b,c	Insulation	30% Chrysotile	Not Applicable	Black Resinous
Misc 22 a,b,c	Transite Roof	20% Chrysotile	Not Applicable	Gray Compact
Misc 23 a,b,c	Material at A-27	None Detected	Not Applicable	Not Applicable
Misc 24 a,b,c	Material at A-27	25% Chrysotile	Not Applicable	Black Resinous
Misc 25 a,b,c	Roofing Material throughout Pile	None Detected	Not Applicable	Not Applicable
Misc 26 a,b,c	Gaskets at C-11	50% Chrysotile	Not Applicable	Gray Plied (twisted strands)
Misc 27 a,b,c	Concrete Board	25% Chrysotile	Not Applicable	Gray Compact
Misc 28 a,b,c	Brick	None Detected	Not Applicable	Not Applicable
MD-1 a,b,c	Black Material Adhered to Concrete	25% Chrysotile	Not Applicable	Black Resinous
MD-2 a,b,c	Roofing Material	15% Chrysotile	Not Applicable	Gray Compact

Bold indicates asbestos detected in sample.



Misc Samples 5 of 13

Table 5 Asbestos Survey Former Milwaukee Solvay Coke & Gas Company Site Soil Samples Area A 1-25

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
AS-01	Soil	Present/Chrysotile	Not Applicable	Black
AS-02	Soil	Present/Chrysotile	Not Applicable	Black
AS-03	Soil	Not Present	Not Applicable	Not Applicable
AS-04	Soil	Not Present	Not Applicable	Not Applicable
AS-05	Soil	Not Present	Not Applicable	Not Applicable
AS-06	Soil	Not Present	Not Applicable	Not Applicable
AS-07	Soil	Not Present	Not Applicable	Not Applicable
AS-08	Soil	Not Present	Not Applicable	Not Applicable
AS-09	Soil	Not Present	Not Applicable	Not Applicable
AS-10	Soil	Not Present	Not Applicable	Not Applicable
AS-11	Soil	Present/Chrysotile	Not Applicable	Black
AS-12	Soil	Not Present	Not Applicable	Not Applicable
AS-13	Soil	Present/Chrysotile	Not Applicable	Black
AS-14	Soil	Present/Chrysolite	Not Applicable	Black
AS-15	Soil	Present/Chrysotile	Not Applicable	Black
AS-16	Soil	Not Present	Not Applicable	Not Applicable
AS-17	Soil	Present/Chrysotile	Not Applicable	Black
AS-18	Soil	Present/Chrysotile	Not Applicable	Black
AS-19	Soil	Present/Chrysotile	Not Applicable	Black
AS-20	Soil	Present/Chrysotile	Not Applicable	Black
AS-21	Soil	Not Present	Not Applicable	Not Applicable
AS-22	Soil	Present/Chrysotile	Not Applicable	Black
AS-23	Soil	Present/Chrysotile	Not Applicable	Brown
AS-24	Soil	Present/Chrysotile	Not Applicable	Black
AS-25	Soil	Present/Chrysotile	Not Applicable	Black

Bold indicates asbestos detected in sample.



Table 5 (continued) Asbestos Survey Former Milwaukee Solvay Coke & Gas Company Site Soil Samples Area A 26-48

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
AS-26	Soil	Present/Chrysotile	Not Applicable	Black
AS-27	Soil	Present/Chrysotile	Not Applicable	Black
AS-28	Soil	Not Present	Not Applicable	Not Applicable
AS-29	Soil	Not Present	Not Applicable	Not Applicable
AS-30	Soil	Not Present	Not Applicable	Not Applicable
AS-31	Soil	Not Present	Not Applicable	Not Applicable
AS-32	Soil	Not Present	Not Applicable	Not Applicable
AS-33	Soil	Not Present	Not Applicable	Not Applicable
AS-34	Soil	Not Present	Not Applicable	Not Applicable
AS-35	Soil	Not Present	Not Applicable	Not Applicable
AS-36	Soil	Not Present	Not Applicable	Not Applicable
AS-37	Soil	Not Present	Not Applicable	Not Applicable
AS-38	Soil	Present/Chrysotile	Not Applicable	Brown
AS-39	Soil	Not Present	Not Applicable	Not Applicable
AS-40	Soil	Not Present	Not Applicable	Not Applicable
AS-41	Soil	Not Present	Not Applicable	Not Applicable
AS-42	Soil	Not Present	Not Applicable	Not Applicable
AS-43	Soil	Present/Chrysotile	Not Applicable	Black
AS-44	Soil	Present/Chrysotile	Not Applicable	Black
AS-45	Soil	Present/Chrysolite	Not Applicable	Black
AS-46	Soil	Not Present	Not Applicable	Not Applicable
AS-47	Soil	Not Present	Not Applicable	Not Applicable
AS-48	Soil	Not Present	Not Applicable	Not Applicable

O: SAG CKD: BJK QA: JTB 070828 QA2: KMJ 070830

Bold indicates asbestos detected in sample.



Area A 26-48 7 of 13

Table 6
Asbestos Survey
Former Milwaukee Solvay Coke & Gas Company Site
Soil Samples Area B 1-25

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
BS-01	Soil	Not Present	Not Applicable	Not Applicable
BS-02	Soil	Not Present	Not Applicable	Not Applicable
BS-03	Soil	Present/Chrysotile	Not Applicable	Black
BS-04	Soil	Not Present	Not Applicable	Not Applicable
BS-05	Soil	Not Present	Not Applicable	Not Applicable
BS-06	Soil	Not Present	Not Applicable	Not Applicable
BS-07	Soil	Not Present	Not Applicable	Not Applicable
BS-08	Soil	Present/Chrysotile	Not Applicable	Brown
BS-09	Soil	Not Present	Not Applicable	Not Applicable
BS-10	Soil	Not Present	Not Applicable	Not Applicable
BS-11	Soil	Not Present	Not Applicable	Not Applicable
BS-12	Soil	Not Present	Not Applicable	Not Applicable
BS-13	Soil	Not Present	Not Applicable	Not Applicable
BS-14	Soil	Not Present	Not Applicable	Not Applicable
BS-15	Soil	Present/Amosite	Not Applicable	Brown
BS-16	Soil	Not Present	Not Applicable	Not Applicable
BS-17	Soil	Not Present	Not Applicable	Not Applicable
BS-18	Soil	Not Present	Not Applicable	Not Applicable
BS-19	Soil	Present/Amosite	Not Applicable	Black
BS-20	Soil	Present/Chrysotile	Not Applicable	Black
BS-21	Soil	Not Present	Not Applicable	Not Applicable
BS-22	Soil	Not Present	Not Applicable	Not Applicable
BS-23	Soil	Not Present	Not Applicable	Not Applicable
BS-24	Soil	Not Present	Not Applicable	Not Applicable
BS-25	Soil	Present/Chrysotile	Not Applicable	Black

Bold indicates asbestos detected in sample.



Area B 1-25 8 of 13

Table 6 (continued) Asbestos Survey Former Milwaukee Solvay Coke & Gas Company Site Soil Samples Area B 26-50

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
BS-26	Soil	Not Present	Not Applicable	Not Applicable
BS-27	Soil	Not Present	Not Applicable	Not Applicable
BS-28	Soil	Present/Chrysotile	Not Applicable	Black
BS-29	Soil	Not Present	Not Applicable	Not Applicable
BS-30	Soil	Not Present	Not Applicable	Not Applicable
BS-31	Soil	Not Present	Not Applicable	Not Applicable
BS-32	Soil	Present/Chrysotile	Not Applicable	Black
BS-33	Soil	Not Present	Not Applicable	Not Applicable
BS-34	Soil	Not Present	Not Applicable	Not Applicable
BS-35	Soil	Not Present	Not Applicable	Not Applicable
BS-36	Soil	Not Present	Not Applicable	Not Applicable
BS-37	Soil	Not Present	Not Applicable	Not Applicable
BS-38	Soil	Not Present	Not Applicable	Not Applicable
BS-39	Soil	Not Present	Not Applicable	Not Applicable
BS-40	Soil	Present/Chrysotile	Not Applicable	Black
BS-41	Soil	Not Present	Not Applicable	Not Applicable
BS-42	Soil	Not Present	Not Applicable	Not Applicable
BS-43	Soil	Not Present	Not Applicable	Not Applicable
BS-44	Soil	Not Present	Not Applicable	Not Applicable
BS-45	Soil	Not Present	Not Applicable	Not Applicable
BS-46	Soil	Not Present	Not Applicable	Not Applicable
BS-47	Soil	Not Present	Not Applicable	Not Applicable
BS-48	Soil	Not Present	Not Applicable	Not Applicable
BS-49	Soil	Not Present	Not Applicable	Not Applicable
BS-50	Soil	Not Present	Not Applicable	Not Applicable

O: SAG CKD: BJK QA: JTB 070828 QA2: KMJ 070830

Bold indicates asbestos detected in sample.



Area B 26-50 9 of 13

Table 7
Asbestos Survey
Former Milwaukee Solvay Coke & Gas Company Site
Soil Samples Area C 1-25

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
CS-01	Soil	Not Present	Not Applicable	Not Applicable
CS-02	Soil	Not Present	Not Applicable	Not Applicable
CS-03	Soil	Not Present	Not Applicable	Not Applicable
CS-04	Soil	Not Present	Not Applicable	Not Applicable
CS-05	Soil	Not Present	Not Applicable	Not Applicable
CS-06	Soil	Not Present	Not Applicable	Not Applicable
CS-07	Soil	Not Present	Not Applicable	Not Applicable
CS-08	Soil	Not Present	Not Applicable	Not Applicable
CS-09	Soil	Present/Chrysotile	Not Applicable	Black
CS-10	Soil	Not Present	Not Applicable	Not Applicable
CS-11	Şoil	Not Present	Not Applicable	Not Applicable
CS-12	Soil	Not Present	Not Applicable	Not Applicable
CS-13	Soil	Not Present	Not Applicable	Not Applicable
CS-14	Soil	Not Present	Not Applicable	Not Applicable
CS-15	Soil	Not Present	Not Applicable	Not Applicable
CS-16	Soil	Not Present	Not Applicable	Not Applicable
CS-17	Soil	Not Present	Not Applicable	Not Applicable
CS-18	Soil	Not Present	Not Applicable	Not Applicable
CS-19	Soil	Not Present	Not Applicable	Not Applicable
CS-20	Soil	Not Present	Not Applicable	Not Applicable
CS-21	Soil	Not Present	Not Applicable	Not Applicable
CS-22	Soil	Not Present	Not Applicable	Not Applicable
CS-23	Soil	Not Present	Not Applicable	Not Applicable
CS-24	Soil	Not Present	Not Applicable	Not Applicable
CS-25	Soil	Not Present	Not Applicable	Not Applicable

Bold indicates asbestos detected in sample.



Area C 1-25 10 of 13

Table 7 (continued) Asbestos Survey Former Milwaukee Solvay Coke & Gas Company Site Soil Samples Area C 26-50

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
CS-26	Soil	Not Present	Not Applicable	Not Applicable
CS-27	Soil	Present/Chrysotile	Not Applicable	Black
CS-28	Soil	Not Present	Not Applicable	Not Applicable
CS-29	Soil	Not Present	Not Applicable	Not Applicable
CS-30	Soil	Not Present	Not Applicable	Not Applicable
CS-31	Soil	Present/Chrysotile	Not Applicable	Brown
CS-32	Soil	Present/Chrysotile	Not Applicable	Black
CS-33	Soil	Not Present	Not Applicable	Not Applicable
CS-34	Soil	Not Present	Not Applicable	Not Applicable
CS-35	Soil	Not Present	Not Applicable	Not Applicable
CS-36	Soil	Present/Chrysotile	Not Applicable	Black
CS-37	Soil	Not Present	Not Applicable	Not Applicable
CS-38	Soil	Not Present	Not Applicable	Not Applicable
CS-39	Soil	Present/Chrysotile	Not Applicable	Brown
CS-40	Soil	Present/Chrysotile	Not Applicable	Brown
CS-41	Soil	Not Present	Not Applicable	Not Applicable
CS-42	Soil	Not Present	Not Applicable	Not Applicable
CS-43	Soil	Present/Chrysotile	Not Applicable	Brown
CS-44	Soil	Present/Chrysotile	Not Applicable	Brown
CS-45	Soil	Not Present	Not Applicable	Not Applicable
CS-46	Soil	Not Present	Not Applicable	Not Applicable
CS-47	Soil	Not Present	Not Applicable	Not Applicable
CS-48	Soil	Not Present	Not Applicable	Not Applicable
CS-49	Soil	Not Present	Not Applicable	Not Applicable
CS-50	Soil	Not Present	Not Applicable	Not Applicable

O: SAG CKD: BJK QA: JTB 070828 QA2: KMJ 070830

Bold indicates asbestos detected in sample.



Area C 26-50 11 of 13

Table 7 (continued) Asbestos Survey Former Milwaukee Solvay Coke & Gas Company Site Soil Samples Area C 51-57

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
CS-51	Soil	Not Present	Not Applicable	Not Applicable
CS-52	Soil	Not Present	Not Applicable	Not Applicable
CS-53	Soil	Not Present	Not Applicable	Not Applicable
CS-54	Soil	Present/Chrysotile	Not Applicable	Black
CS-55	Soil	Not Present	Not Applicable	Not Applicable
CS-56	Soil	Not Present	Not Applicable	Not Applicable
CS-57	Soil	Not Present	Not Applicable	Not Applicable

O: SAG CKD: BJK QA: JTB 070828 QA2: KMJ 070830

Bold indicates asbestos detected in sample.



Table 8
Asbestos Survey
Former Milwaukee Solvay Coke & Gas Company Site
Soil Samples CARB Method 435

Sample Field ID	Sample Description	Analytical Result	Point Count Result	Detailed Description
B1	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
B2	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
B3	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
B4	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
B5	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
В6	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
B7	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
B8	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
B9	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
B10	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
B11	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
B12	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-1	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-2	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-3	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-4	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-5	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-6	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-7	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-8	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-9	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-10	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-11	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-12	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-13	Soil - Composite	None Detected	Not Applicable	Brown Fiberous
C-14	Soil - Composite	None Detected	Not Applicable	Brown Fiberous

Bold indicates asbestos detected in sample.



APPENDIX A ASBESTOS LABORATORY ANALYTICAL RESULTS

(MICRO ANALYTICAL)

MICRO ANALYTICAL, INC. 11521 West North Avenue Milwaukee, WI 53226 (800) 771 - 9820 (414) 771 - 0855

Fax: (414)771-6570

Page 1 of 3

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report # 88910

Name 1866 - Solvay, Debris Piles

Received: 08/15/07 Analyzed: 08/21/07 Kevin Hachey Analyst

		highly
Sample ID:	%Asbestos	Description & Composition
DP-01A	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
DP-01B	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
DP-01C	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
DP-02A	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
DP-02B	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
DP-02C	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
DP-03A	None Detected	Black Compact 100% Pt MLM Qu Cal
DP-03B	None Detected	Black Compact 100% Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Ver: Vermiculite Per: Perlite Gyp: Gypsum Gs: Glass Shot Pt: Particulate

PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

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NVLAP 101247-0

2 of 3

Page

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BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report # 88910

Name

1866 - Solvay, Debris Piles

Received: 08/15/07 Analyzed: 08/21/07

Analyst Kevin Haghey

Sample ID:	%Asbestos	Description & Composition
DP-03C	None Detected	Black Compact 100% Pt MLM Qu Cal
DP-04A	10% Chry	Black Resinous 90% Pt MLM Qu Cal Tar
DP-05A	30% Chry	Black Resinous 25% Ce 45% Pt MLM Qu Tar
DP-06A	None Detected	Tan Compact 10% Ce 90% Gyp Pt MLM Qu
DP-06B	None Detected	Tan Compact 10% Ce 90% Gyp Pt MLM Qu
DP-06C	None Detected	Tan Compact 10% Ce 90% Gyp Pt MLM Qu
DP-07A	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
DP-07B	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal

Chry:	Chrysotile
Amos:	Amosite
Croc:	Crocidolite
Act:	Actinolite
Trem:	Tremolite
Anth:	Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Perlite Gypsum Glass Shot Particulate Per: Gyp: Gs: Pt:

PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

Test method: EPA/600/R-93/116. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of Micro Analytical, Inc.

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Page 3 of 3

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

Report # 88910

23713 W. Paul Road

Name

1866 - Solvay, Debris Piles

Pewaukee

WI 53072 Received: 08/15/07

Analyzed: 08/21/07

Analyst

Kevin Haghey

Sample ID:	%Asbestos	Description & Composition
DP-07C	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal

DP-08A

Off-White Compact

100% Pt MLM Qu Cal

DP-08A II

Multi Colored Loose

100% Pt MLM Qu Cal

DP-08B

Multi Colored Compact

None Detected

Trace Chry

None Detected

100% Pt MLM Qu Cal

DP-08C

Off-White Compact

None Detected

100% Pt MLM Qu Cal

End of Report

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Perlite Gypsum Glass Shot Particulate PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

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NVLAP 101247-0

Page 1 of 10

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BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

88950

Name 1866 - Solvay, A Area

Received: 08/15/07 Analyzed: 08/22/07

Analyst Kevin H

Kevin Hachey K

Arthur L Warneke III

Sample ID:	%Asbestos	Description & Composition
A-02A	None Detected	Black Resinous 35% Ce 65% Pt MLM Qu Tar
A-02B	None Detected	Black Resinous 35% Ce 65% Pt MLM Qu Tar
A-02C	15% Chry	Black Resinous 25% Ce 60% Pt MLM Qu Tar
A-03A	25% Chry	Black Resinous 5% Ce 70% Pt MLM Qu Tar
A-04A	None Detected	Gray Cemented 100% Pt MLM Qu Cal
A-04B	None Detected	Gray Cemented 100% Pt MLM Qu Cal
A-04C	None Detected	Gray Cemented 100% Pt MLM Qu Cal
A-05A	None Detected	Tan Dust on Tape 10% Ce 90% Pt MLM

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate Ver: Vermiculite
Per: Perlite
Gyp: Gypsum
Gs: Glass Shot
Pt: Particulate

PL-M: Paint Like Material MLM: Mixed Limestone Material Qu: Quartz Cal: Calcite

s: Resinous Material e: Diatomaceous Earth MICRO ANALYTICAL, INC. 11521 West North Avenue Milwaukee, WI 53226 (800)771-9820 (414)771-0855

NVLAP 101247-0

Fax: (414)771-6570

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

raui Moau

WI 53072

Report # 88950

Name 1866 - Solvay, A Area

Received: 08/15/07

Analyzed: 08/22/07

Analyst Kevin Hachey

Arthur L Marneke III

2 of 10

Page

Sample ID:	%Asbestos	Description & Composition
A-07A	None Detected	Tan Dust on Tape 10% Ce 90% Pt MLM
A-08A	None Detected	Black Loose 2% Ce 98% Pt MLM Qu
A-08B	None Detected	Black Loose 2% Ce 98% Pt MLM Qu
A-08C	None Detected	Black Loose 2% Ce 98% Pt MLM Qu
A-09A	None Detected	Off-White Compact 100% Pt MLM Qu Cal
A-09B	None Detected	Off-White Compact 100% Pt MLM Qu Cal
A-09C	None Detected	Off-White Compact 100% Pt MLM Qu Cal
A-10A	None Detected	Gray Compact 100% Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate Ver: Vermiculite
Per: Perlite
Gyp: Gypsum
Gs: Glass Shot
Pt: Particulate

PL-M: Paint Like Material MLM: Mixed Limestone Material Qu: Quartz

Ou: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

MICRO ANALYTICAL, INC. 11521 West North Avenue Milwaukee, WI 53226 (800)771-9820 (414)771-0855 Fax: (414)771-6570

Page 3 of 10

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology Report # 88950

Natural Resource Technology Report # 8893

23713 W. Paul Road Name 1866 - Solvay, A Area

Pewaukee WI 53072 Received: 08/15/07 Analyzed: 08/22/07

Analyst Kevin Hachey Kindhal

Arthur L Warneke III

Sample ID: %Asbestos Description & Composition

pampre in:	*ASDESCUS	Description & Composition
A-10B	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-10C	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-11A	None Detected	Black Loose 2% Ce 98% Pt MLM Qu Cal Tar
A-11B	None Detected	Multi Colored Loose Trace Ce 100% Pt MLM Qu Cal Tar
A-11C	None Detected	Multi Colored Loose Trace Ce 100% Pt MLM Qu Cal Tar
A-13A	None Detected	Beige Compact 100% Pt MLM Qu Cal
A-13B	None Detected	Beige Compact 100% Pt MLM Qu Cal
A-13C	None Detected	Beige Compact 100% Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate Ver: Vermiculite
Per: Perlite
Gyp: Gypsum
Gs: Glass Shot
Pt: Particulate

PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz

Ou: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

MICRO ANALYTICAL, INC. 11521 West North Avenue Milwaukee, WI 53226 (800)771-9820 (414)771-0855 Fax: (414)771-6570

Page 4 of 10

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

Report # 88950

23713 W. Paul Road

1866 - Solvay, A Area

Name

WI 53072 Pewaukee

Received: 08/15/07 Analyzed: 08/22/07

Analyst

Kevin Hachey

Arthur L War ///////////Composit Description &

Sample ID:	%Asbestos	Description & Composition
A-14A	None Detected	Gray Cemented 100% Pt MLM Qu Cal
A-14B	None Detected	Gray Cemented 100% Pt MLM Qu Cal
A-14C	None Detected	Gray Cemented 100% Pt MLM Qu Cal
A-15A	35% Chry	Black Resinous 65% Pt MLM Qu Tar
A-16A	45% Chry	Black Resinous 5% H 50% Pt MLM Qu Tar
A-17A	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-17B	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-17C	None Detected	Gray Compact 100% Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Silicate

Vermiculite Perlite Gypsum Glass Shot Particulate Gyp: Gs: Pt:

PL-M: Paint Like Material MLM: Mixed Limestone Material Qu: Cal:

Quartz Calcite Resinous Material Diatomaceous Earth

MICRO ANALYTICAL, INC. 11521 West North Avenue Milwaukee, WI 53226 (800)771-9820 (414)771-0855

Fax: (414)771-6570

Page 5 of 10

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

Name

88950 1866 - Solvay, A Area

Received: 08/15/07

Analyzed: 08/22/07

Analyst

Kevin Hachey Arthur L Warne

Sample ID:	%Asbestos	Description Composition
A-18A	None Detected	Yellow Compact 100% Pt MLM Qu Cal
A-18B	None Detected	Yellow Compact 100% Pt MLM Qu Cal
A-18C	None Detected	Yellow Compact 100% Pt MLM Qu Cal
A-19A	None Detected	Yellow Compact 100% Pt MLM Qu Cal
A-19B	None Detected	Yellow Compact 100% Pt MLM Qu Cal
A-19C	None Detected	Yellow Compact 100% Pt MLM Qu Cal
A-20A	None Detected	Off-White Compact 100% Pt MLM Qu Cal
A-20B	None Detected	Off-White Compact 100% Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Perlite Gypsum Glass Shot Particulate Per: Gyp: Gs: Pt:

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NVLAP 101247-0

6 of 10

Page

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

Report # 88950

23713 W. Paul Road

Name 1866 - Solvay, A Area

Pewaukee WI 53072

Received: 08/15/07 Analyzed: 08/22/07

Analyst

Kevin Hachey K Arthur L Warneke III

Sample ID:	%Asbestos	Description & Composition
A-20C	None Detected	Off-White Compact 100% Pt MLM Qu Cal
A-21A	None Detected	Black Loose 100% Pt MLM
A-21B	None Detected	Black Loose 100% Pt MLM
A-21C	None Detected	Black Loose 100% Pt MLM
A-22A	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-22B	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-22C	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-23A	10% Chry	Black Loose 90% Pt MLM

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Perlite Gypsum Glass Shot Particulate Per: Gyp: Gs: Pt:

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Fax: (414)771-6570

7 of 10 Page

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

Name

88950

1866 - Solvay, A Area

Received: 08/15/07

Analyzed: 08/22/07 Analyst

Kevin Hachey Light Arthur L Warneke III

Sample ID:	%Asbestos	Description & Composition
A-24A	20% Chry	Gray Compact 80% Pt MLM Qu Cal
A-25A	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-25B	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-25C	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-26A	None Detected	Black Loose 100% Pt MLM Qu
A-26B	None Detected	Black Loose 100% Pt MLM Qu
A-26C	None Detected	Black Loose 100% Pt MLM Qu
A-27A	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Perlite Gypsum Glass Shot Particulate Per:

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Fax: (414)771-6570

8 of 10 Page

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

88950

1866 - Solvay, A Area

Received: 08/15/07

Analyzed: 08/22/07 Analyst Kevin Hachev

Arthur L Warr

Description & Composition Sample ID: %Asbestos

Name

A-27B	None Detected	Black Loose Trace Ce 100%	Pt MLM Qu Cal
A-27C	None Detected	Black Loose Trace Ce 100%	Pt MLM Qu Cal
A-28A	None Detected	Tan Dust on Ta 5% Ce 95%	
A-29A	None Detected	Black Dust on 25% Ce 75%	_
A-30A	None Detected	Black Dust on 10% Ce 90%	
A-31A	None Detected	Multi Colored Trace Ce 100%	
A-31B	None Detected	Multi Colored 100%	Loose Pt MLM Qu Cal
A-31C	None Detected	Multi Colored 100%	Loose Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fibrous Glass Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Perlite Per: Gyp: Gs: Pt: Gypsum Glass Shot Particulate

MICRO ANALYTICAL, INC. 11521 West North Avenue Milwaukee, WI 53226 (800)771-9820 (414)771-0855Fax: (414)771-6570

Page 9 of 10

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road Pewaukee

WI 53072

Report #

88950

Name 1866 - Solvay, A Area

Received: 08/15/07 Analyzed: 08/22/07

Analyst

Kevin Hachey

Arthur L Warneke

Sample ID:	%Asbestos	Description & Composition
A-32A	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-32B	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-32C	None Detected	Gray Compact 100% Pt MLM Qu Cal
A-35A	None Detected	Brown Dust on Tape 15% Ce 85% Pt MLM Qu Rs
A-36A	5% Chry	Brown Loose 10% Ce 85% Pt MLM Qu Cal
A-37A	None Detected	Brown Loose 5% Ce 95% Pt MLM Qu Cal
A-37B	None Detected	Brown Loose 5% Ce 95% Pt MLM Qu Cal
A-37C	None Detected	Brown Loose 3% Ce 97% Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Perlite Gypsum Glass Shot Particulate PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

Test method: EPA/600/R-93/116. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of Micro Analytical, Inc.

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Page 10 of 10

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee WI 53072 Report # 88950

Name 1866 - Solvay, A Area

Received: 08/15/07

Analyzed: 08/22/07 Analyst Kevin Hachey

Arthur L Warne

Sample ID: %Asbestos Description & Composition

End of Report

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Perlite Ver: Per: Gypsum Glass Shot Particulate Gyp: Gs: Pt:

PL-M: Paint Like Material MLM: Mixed Limestone Material

Qu: Cal: Rs: De: Quartz Calcite Resinous Material Diatomaceous Earth

Test method: EPA/600/R-93/116. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of Micro Analytical, Inc.

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Page 1 of 1

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

89047 Name

1866 - Solvay, A-33

Reccived: 08/24/07 Analyzed: 08/28/07 Jon Yakish Analyst

Sample ID:

%Asbestos

A-33

Black Debris on Tape

None Detected

25% Ce 75% Pt MLM Qu Cal Tar

End of Report

Chry: Chrynotile Amou: Amouite Crou: Crocidolite Act: Actinoille Trem: Tremoille Anth: Anthophyllite

Fd: Fibrona Class Ce: Cellulonc Syn: Synthetic Fiber H: Mair Sc: Silicate

Vermiculite Perlite Gypsum Glann Shot Particulate



NATURAL RESOURCE TECHNOLOGY, INC. 23713 WEST PAUL ROAD, UNIT D

CHAIN OF GUSTODY RECORD

NATURAL RESOURCE YECHNOLOGY	23713 WEST PAUL ROA				TEL:	262,	62,522.1202 (Sarah) DATE:									08/14/07									
TECHNOLOGY	PEWAUKEE, WI 53072	đ													1	PAGE	·		1		_OF				
CABORATORY SAMPLES SUBMITTED TO: Micro Analytical			***************************************			CCI	ENTPRO	JJECT I	NAME										PRO	JECT N	VUMBER /	TASK NUMBE	₹:		
ADDRESS:							Milwa	ukee	Sol	vay										866					
11521 West North Avenue	-1	Sarah			ndt										OTE N										
Milwaukee, WI 53226	FAX:		r			SAMPLER(S): (NAME I SIGNATURE) SARAH GANSWINDI													Tim Klingbiel						
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Site Address: 311 West Greenfie			·	·······		1			T			1	T			Τ	Τ		Τ	Т	FX.				
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SAMPLE ID	FIELD COMMENTS	DATE	TIME	18.3H.4	*COA	PLM																LAB	ÚSEIONL	<u>Y</u>	1 1 1000 - 1000
Debris Pile-brick	A-2	08/14/07		Solid	3	x																			
Firebrick	A-18	08/14/07		Solid	3	x																			
Firebrick	A-19	08/14/07		Solid	3	×												T						N ₂	
Concrete Slab w/Rebar	A-20	08/14/07		Solid	3	x											Г								
Coal Pile	A-21	08/14/07		Solid	3	×						1													
Concrete Pile	A-22	08/14/07		Solid	3	×					T														-
Wood Pile-Lift	A-28	08/14/07		Solid	3	×							1							<u> </u>					
Concrete Pile	A-32	08/14/07		Solid	3	×																			
Wood Pile-Lift	A-35	08/14/07	····	Solid	3	×															1				
Wood Pile-Lift	A-33	08/14/07		Solid	3	×							†								T .				
Coal Pile	A-36	08/14/07		Solid	3	×					1	1													
Dirt Pile	A-37	08/14/07		Solid	3	x					_									-					
Gravel Pile/Gaskets and Rope	A-31	08/14/07		Solid	3	×																		-	
Wood Pile-Lift	A-30	08/14/07		Solid	3	×					_		 												
Wood Pile-Lift	A-29	08/14/07		Solid	3	×															1				
Debris Pile	A-27	08/14/07		Solid	3	×																			
Concrete Board	A-23	08/14/07		Solid	3	×																			

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NATURAL RESOURCE TECHNOLOGY, INC. 23713 WEST PAUL ROAD, UNIT D PEWAUKEE, WI 53072

TEL: 262.522.1202 (Sarah)

CHAIN OF CUSTODY RECORD

DATE:	08/13/07
PAGE:	1 OF

LABORATORY SAMPLES SUBMITTED TO:						CUI	NTPR	OJECT	NAME				~ 						PRO	DJECTN	MAEH	T/TASK NO	MBER:	 -		
Micro Analytical ADDRESS:						Milwaukee Solvay												1866								
11521 West North Avenue		***							:T: 15W i r	ndf								QUOTE NO.:								
Milwaukee, WI 53226	FAX:					SAMPLER(S): (NAME / SIGNATURE) Sarah Ganswindt													Tim	Klir	ngbiel					
TEL: 414-771-0855	414-771-6570		<u> </u>																							
TURNAROUND TIME X STANDARD 24 HR 48HR	ZHR DA	ve \square				REQUESTED .										A C	NALYSIS									
Site Address: 311 West Greenfie	ld, Milwaukee, Wi	Area "A	**	··-············		\vdash	Г	T		Τ	Т	Т	T		Γ											
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SAMPLE ID	FIELD COMMENTS	<u></u>	PLING	No.FI	*CON	P.C.								'								\$4. E.	e elikarak			
Concrete Cement w/Rebar	4.47	DATE	TIME	T .		1		-	-		-	-	+-	-				-	-	-	Mario (A)	Stephins have	LABIUSE O	NLY.	200991	
Coal Pile w/ Transite	A-17 A-24	08/13/07		Solid Solid	3	×		-	├		-		-	-				-	┢	-	\vdash					
Concrete	A-24 A-25	08/13/07		Solid	3	X		-	-	-		-		-							┼─					
Coal	A-26	08/13/07		Solid	3	X		-	-	-		-	-	├─				-		-	-				\dashv	
Ground Mix	A-26	08/13/07		Solid	3	×		-	-		-	-	-					-		ļ	+-					
Ground Witx	A-27	08/13/0/		Soliu	. 3	<u> </u>	 -	-	-		-							ļ	-		┼─					
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Relinquished by: (Signature)				Received	d by: (S	ignatur	e)						!					Date:			1	Time:			\dashv	
Sarah A. Ganswindt Relinquished by: (Signature)				Received	d bv: /s	ionatur	e)											Date:		2007		Time:				
Relinquished by: (Signature)				Received	d by: (S	Ignatur	e)											Date: Time:								

(800)771-9820 (414)771-0855

Fax: (414)771-6570

Page 1 of 1

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

Name

1866 - Solvay Coke A6

Received: 08/15/07 Analyzed: 08/23/07 Analyst

Jon Yakish

Sar	mple ID:	%Asbestos	Description & Composition
A6-1	A	None Detected	Multi Colored Compact 100% Gyp Pt MLM Qu Cal
A6-1	В	None Detected	Multi Colored Compact 100% Gyp Pt MLM Qu Cal
A6-1	С	None Detected	Multi Colored Compact 100% Gyp Pt MLM Qu Cal
A6-2.	A	None Detected	Gray Compact 100% Pt MLM Cal
A6-2	В	None Detected	Gray Compact 100% Pt MLM Cal
A6-2	С	None Detected	Gray Compact 100% Pt MLM Cal
A6-3	A	25% Chry	Brown Compact 75% Pt MLM Qu Cal

End of Report

Amos: Croc: Act: Trem:	Chrysotile Amosite Crocidolite Actinolite Tremolite Anthophyllite	Cě: Syn: H:	Fibrous Glass Cellulose Synthetic Fiber Hair Silicate	Per:	Vermiculite Perlite Gypsum Glass Shot Particulate	MLM: Ou: Cal: Rs:	Paint Like Material Mixed Limestone Material Quartz Calcite . Resinous Material Diatomaceous Earth
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NATURAL RESOURCE TECHNOLOGY, INC. 23713 WEST PAUL ROAD, UNIT D PEWAUKEE, WI 53072

TEL: 262.522.1202 (Sarah)

CHAIN	OF C	USTODY	'RECORD

DATE:		08	/13/07	
PAGE:	1	OF		

LABORATORY SAMPLES SUBMITTED TO:						CUENT PROJECT NAME											PROJECT NUMBER / TASK NUMBER:					
Micro Analytical						Milwaukee Solvay												1866				
11521 West North Avenue							vect co Sarah			ndt									0	UOTE !	NO.:	
Milwaukee, Wi 53226	-	PLER(S))	Sarah	Gan	swind	t				Tin	n Kli	ngble	el					
414-771-0855	414-771-6570																					
TURNAROUND TIME X STANDARD 24 HR 48HR	□72 HR □ DA	ys 🗆				REQUESTED ANALYSIS																
Site Address: 311 West Greenfie								Ι			Τ			T	Τ	Τ			T	T	3.44	
												İ										
SAMPLE ID	FIELD COMMENTS	DATE	PLING TIME	No.R.A	*Con,																	LÁBIOSEKÖNIÝ I.A
Debris Pile-brick	A-1a,b,c	°08/13/07		Solid	3	x																
Debris Pile-brick	A-1-2 a,b,c	08/13/07		Solid	3	×																
Debris Pile-brick	A-1-3 a,b,c	08/13/07		Solid	3	×															T	
Debris Pile-brick	A-1-4 a,b,c	08/13/07		Solid	3	x															T	
Debris Pile-Roofing	A-1-5 a,b,c	08/13/07		Solid	3	x															T	
Debris Pile-Mortar	A-1-6 a,b,c	08/13/07		Solid	3	×														1		
Debris Pile-Mortar	A-1-7 a,b,c	08/13/07		Solid	3	x											******			T		
Debris Pile-Mortar and Rope	A-1-8 a,b,c	08/13/07		Solid	3	×															1	
Asphalt Roof Material	A-3 a,b,c	08/13/07		Solid	3	×															1	
Brick and Mortar	A-4 a,b,c	08/13/07		Solid	3	х														\top	T	
Wood-Lift Sample	A-5 a,b,c	08/13/07		Solid	3	x																
Concrete Rubble Pile	A-6 a,b,c	08/13/07		Solid	3	x																
Concrete	A-6-1 a,b,c	08/13/07		Solid	3	x																
Slate	A-6-2 a,b,c	08/13/07		Solid	3	x															T-	
Compact Board	A-6-3 a,b,c	08/13/07		Solid	3	х															1	
Metal Pile-Lift Sample	A-7	08/13/07		Solid	3	х																
Dirt Pile-Dirt	A-8 a,b,c	08/13/07		Solid	. 3	x													1			
Concrete w/ rebar	A-9 a,b,c	08/13/07		Solid	3	x																
Concrete Pile/Concrete Liner on Door	A-10 a,b,c	08/13/07		Solid	3	x	_															
Concrete	A-11 a,b,c	08/13/07		Solid	3	x																
Wood-Lift Sample	A-12 a,b,c	08/13/07		Solid	3	x																
Concrete Inside Metal Door	A-13 a,b,c	08/13/07		Solid	3	х																
Concrete Pile with Rebar	A-14 a,b,c	08/13/07		Solid	3	x	十															
Concrete Pile with Roofing Material	A-15 a,b,c	08/13/07		Solid	3	×						\neg				\dashv					_	
Concrete Pile with Roofing Material	A-16 a,b,c	08/13/07		Solid	3	×		一十	-	_			$\neg \neg$		\dashv	\dashv						
Relinquished by: (Signature)		<u>-</u>		Receive			e)										_	Dale			<u> </u>	Time:
Sarah A. Ganswindt Relinquished by: (Signalure)				Receive	Received by: (Signature)									8/13/2007 Time;				Time:				
Relinquished by: (Signature)						Received by: (Signature)											Date: Time;					

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Page 1 of 4

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road Pewaukee

WI 53072

Report # 88900

Name

1866 - Solvay, Area B

Received: 08/14/07

Analyzed: 08/21/07

Analyst

Arthur

Sample ID:	%Asbestos	Description & Composition
B-01A	None Detected	Brown Compact 100% Pt MLM Qu Cal
B-01B	None Detected	Brown Compact 100% Pt MLM Qu Cal
B-01C	None Detected	Brown Compact 100% Pt MLM Qu Cal
B-02A	None Detected	Brown Loose 95% Ce 5% Pt MLM
B-02B	None Detected	Brown Loose 98% Ce 2% Pt MLM
B-02C	None Detected	Brown Loose 98% Ce 2% Pt MLM
B-03A	None Detected	Gray Loose 100% Pt MLM Qu Cal
B-03B	None Detected	Gray Loose 100% Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate Ver: Per: Gyp: Gs: Pt: Vermiculite Perlite Gypsum Glass Shot Particulate PL-M: Paint Like Material MLM: Mixed Limestone Material Quartz Calcite Resinous Material Diatomaceous Earth Qu: Cal: Rs: De:

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Page 2 of 4

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report # 88900

Name 1866 - Solvay, Area B

Received: 08/14/07 Analyzed: 08/21/07

Analyst Arthur L Warneke III

Sample ID:	%Asbestos	Description & Composition
B-03C	None Detected	Gray Loose 100% Pt MLM Qu Cal
B-04A	None Detected	Gray Compact 100% Pt MLM Qu Cal
B-04B	None Detected	Gray Compact 100% Pt MLM Qu Cal
B-04C	None Detected	Gray Compact 100% Pt MLM Qu Cal
B-06A	None Detected	Black Loose 100% Pt MLM Qu Cal Tar
B-06B	None Detected	Black Loose 100% Pt MLM Qu Cal Tar
B-06C	None Detected	Black Loose 100% Pt MLM Qu Tar
B-07A	None Detected	Black Resinous 100% MLM Qu Cal Rs Tar
Chrysotile Fg:	Fibrous Glass Ver:	Vermiculite PL-M: Paint Like Material

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate Ver: Vermiculite Per: Perlite Gyp: Gypsum Gs: Glass Shot Pt: Particulate PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz

Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

Test method: EPA/600/R-93/116. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of Micro Analytical, Inc.

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Fax: (414)771-6570

Page 3 of 4

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

Name

88900

1866 - Solvay, Area B

Received: 08/14/07 Analyzed: 08/21/07

Analyst

Arthur L Warneke III Manufell

Sample ID:	%Asbestos	Description & Composition
B-07B	None Detected	Black Resinous 100% MLM Qu Cal Rs Tar
B-07C	None Detected	Black Resinous 100% MLM Qu Cal Rs Tar
B-08A	None Detected	Black Loose 100% Pt MLM
B-08B	None Detected	Black Loose 100% Pt MLM
B-08C	None Detected	Black Loose 100% Pt MLM
B-09A	Trace Chry	Black Loose Trace Ce 100% Pt MLM
B-09B	Trace Amos	Black Loose Trace Ce 100% Pt MLM
B-09C	None Detected	Black Loose Trace Ce 100% Pt MLM

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Perlite Gypsum Glass Shot Particulate Per: Gyp: Gs: Pt:

PL-M: Paint Like Material
MLM: Mixed Limestone Material

Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

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Page 4 of 4

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

88900

1866 - Solvay, Area B

Received: 08/14/07 Analyzed: 08/21/07

Analyst

Name

Arthur L Warneks

Description & Composition Sample ID: %Asbestos B-10A Black Loose Trace Ce 100% Pt MLM None Detected

Black Loose B-10B

None Detected Trace Ce 100% Pt MLM

Black Loose B-10C

None Detected Trace Ce 100% Pt MLM

End of Report

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Perlite Gypsum Glass Shot Particulate Per: Gyp: Gs:



NATURAL RESOURCE TECHNOLOGY, INC.

CHAIN OF GUSTODY RECORD

NATURAL RESOURCE TECHNOLOGY	23713 WEST PAUL ROA	O, UNIT D			TEL:	262.	522.1	202 (S	arah)							DATE	: :				. (08/14/07	
TECHNOLOGY	PEWAUKEE, WI 53072															PAGE	:	1OF					
LABORATORY SAMPLES SUBMITTED TO:						CL	ENTPR	OJECT	NAME										PF	OJECT	NUMBE	R / TASK NUMBER:	
Micro Analytical ADDRESS:						Milwaukee Solvay												1866					
11521 West North Avenue		PROJECT CONTACT: QUOTE NO.: Sarah Ganswindt																					
Milwaukee, WI 53226	Milwaukee, WI 53226									NATUR	E)	Sara	h Gar	swing			Tir	m Kli	ngbie	ıl			
TEL: 414-771-0855	FAX: 414-771-6570																						
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Site Address: 311 West Gre	enfield, Milwaukee,	WI "Ar	ea B"																l		7).		
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SAMPLE 10	FIELD COMMENTS	DATE	PLING TIME	43 _{11,14}	*Con,	PLM																gust facts facts	W.
Concrete Rubble	B-1	08/14/07	+	Solid		×	+	+-	+-	+	+-	+-	+-	+	╁	+-	+	+-	+-	+	J ₂ 4*80:	CABUSEION	LY.
Wood Pile-Lift Sample	B-2	08/14/07		Solid	 	×	-	+	╁	+	╁	+	+-	+	+	+	+	+	-	+	+-		
Gravel Pile	8-3	08/14/07	 	Solid	3	×	1	+-	-	+-	+	+	+-	+	+-	+-	+	+-	+-	-	+		
Concrete Rubble	B-4	08/14/07	 	Solid	3	×	+	-	+	+-	+	+	+	+-	+	+-	╁	+	╁	+	+		
Concrete Rubble	B-5	08/14/07	 	Solid	3	×	+	-	╫	+	+	+	+	+	+	+-	+	+		+	+-		
Coal		 -	ļ	+	 		╁	╁	 -	+-	+-	+-	+-	-	 	-	+-	+	+		+		
	B-6	08/14/07	 	Solid	3	X	┼	 		+	+-	+		╁	┼	+		-	-	+	+		
Roofing Asphalt	B-7	08/14/07		Solid	3	×	⊬	-	-	╁	 			+	┼-	+	╆	-	+-	+-	+		
Coal Pile	8-8	08/14/07	 	Solid	3	×	ـــ		-	-	+	-		┼	-	-	┼		┿	-	+		
Coal	B-9	08/14/07	ļ	Solid	3	X		-	-	-	┿	 	-	-	ļ	 	-	-	╁		┼		
Coal	B-10	08/14/07		Solid	3	×	 	_			-	\bot	+-	-	ļ	-	ļ	-	1	—	┿		
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Sarah A. Ganswindt Relinquished by: (Signature)				Darah	d by fe	d by: (Signature)										Date		/2007		Time:			
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Page 1 of

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

88994

Name

1886 Solvay Coke Misc Samples

Received: 08/15/07 Analyzed: 08/23/07

Analyst Kevin Hachey

		,
Sample ID:	%Asbestos	Description & Composition
01A	65% Chry	Gray Plied 15% Ce 20% Pt MLM Qu
02A	30% Chry	Brown Woven 50% Ce 20% Pt MLM Qu Rs
03A	50% Chry	Gray Compact 15% Ce 35% Pt MLM Qu Cal Rs
04A	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
04B	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
04C	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
05A	None Detected	Gray Compact 100% Pt MLM Qu Cal
05B	None Detected	Gray Compact 100% Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Per: Gyp: Gs: Pt: Perlite Gypsum Glass Shot Particulate

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2 of 7 Page

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

88994

Name

1886 Solvay Coke Misc Samples

Received: 08/15/07 Analyzed: 08/23/07

Analyst

Keyin Hachey

Sample ID:	%Asbestos	Description & Composition
05C	None Detected	Gray Compact 100% Pt MLM Qu Cal
06-1A	60% Chry	Gray Compressed 20% Ce 20% Pt MLM Qu Rs
06-2A	20% Chry	Black Resinous 15% Ce 65% Pt MLM Qu Cal Tar
07A	60% Chry	Gray Compressed 10% Ce 30% Pt MLM Qu
A80	None Detected	Gray Compact 100% Pt MLM Qu Cal
08B	None Detected	Gray Compact 100% Pt MLM Qu Cal
08C	None Detected	Gray Compact 100% Pt MLM Qu Cal
09A	20% Chry	Gray Compact 80% Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Perlite Gypsum Glass Shot Particulate Per: Gyp: Gs: Pt:

PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

Qu: Cal: Rs: De:

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3 of 7 Page

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

88994

Name

1886 Solvay Coke Misc Samples

Received: 08/15/07 Analyzed: 08/23/07

Analyst

Keyin Hachey

Sample ID:	%Asbestos	Description & Composition
10A	60% Chry	Gray Woven 20% Ce 20% Pt MLM Qu
11A	35% Chry	Black Resinous 20% Ce 45% Pt MLM Qu Cal Tar
12A	30% Chry	Off-White Compressed 20% Ce 50% Pt MLM Qu Cal
13A	30% Chry	Off-White Compressed 20% Ce 50% Pt MLM Qu Cal
14A	None Detected	Gray Compact 100% Pt MLM Qu Cal
14B	None Detected	Gray Compact 100% Pt MLM Qu Cal
14C	None Detected	Gray Compact 100% Pt MLM Qu Cal
15A	20% Chry	Gray Compact 80% Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Per: Gyp: Gs: Pt: Perlite Gypsum Glass Shot Particulate

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Page 4 of 7

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

88994 Name

1886 Solvay Coke Misc Samples

Received: 08/15/07 Analyzed: 08/23/07

Analyst Kevin Hachev

		Analyst Kevin Hachey
Sample ID:	%Asbestos	Description & Composition
16A	None Detected	Brown Compressed 85% Ce 15% Pt MLM Qu Rs
16A II	60% Chry	Off-White Compressed 25% Ce 15% Pt MLM Qu
16B	None Detected	Brown Compressed 85% Ce 15% Pt MLM Rs
16C	None Detected	Brown Compressed 85% Ce 15% Pt MLM Rs
17A	None Detected	Off-White Compact 100% Pt MLM Qu Cal
17B	None Detected	Off-White Compact 100% Pt MLM Qu Cal
17C	None Detected	Off-White Compact 100% Pt MLM Qu Cal
18A	20% Chry	Off-White Insulated Wire 30% Fg 30% Pt MLM Qu Rs 20% Ce
Chrysotile Fg:	Fibrous Glass Ver:	Vermiculite PL-M: Paint Like Material

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth Per: Gyp: Gs: Pt: Perlite Gypsum Glass Shot Particulate

Test method: EPA/600/R-93/116. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of Micro Analytical, Inc.

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NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

Name

1886 Solvay Coke Misc Samples

Received: 08/15/07 Analyzed: 08/23/07

Analyst

Kevin Hachex

		, ,
Sample ID:	%Asbestos	Description & Composition
19A	20% Chry	Gray Compact 80% Pt PL-M MLM Qu Cal
20A	30% Chry	Black Resinous 25% Ce 45% Pt MLM Qu Cal Tar
21A	30% Chry	Black Resinous 25% Ce 45% Pt MLM Qu Cal Tar
22A	20% Chry	Gray Compact 80% Pt MLM Qu Cal
23A	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
23B	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
23C	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
24A	25% Chry	Black Resinous 30% Ce 45% Pt MLM Qu Cal Tar

Chry: Chrysotile
Amos: Amosite
Croc: Crocidolite
Act: Actinolite
Trem: Tremolite
Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Ver: Per: Gyp: Gs: Perlite Gypsum Glass Shot Particulate

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Page 6 of 7

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

88994

Name

1886 Solvay Coke Misc Samples

Received: 08/15/07 Analyzed: 08/23/07

Analyst

Kevin Hachey

		market 1
Sample ID:	%Asbestos	Description & Composition
25A	None Detected	Black Resinous 15% Fg 85% Pt MLM Qu Cal Tar
25B	None Detected	Black Resinous 15% Fg 85% Pt MLM Qu Cal Tar
25C	None Detected	Black Resinous 15% Fg 85% Pt MLM Qu Cal Tar
26A	50% Chry	Gray Plied 25% Ce 25% Pt MLM Qu Rs
27	25% Chry	Gray Compact 75% Pt MLM Qu Cal
28A	None Detected	Black Compact 100% Ver Pt MLM Qu
28B	None Detected	Black Compact 100% Ver Pt MLM Qu
28C	None Detected	Black Compact 100% Ver Pt MLM Qu

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite

Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Ver: Per: Gyp: Gs: Perlite Gypsum Glass Shot Particulate

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Page 7 of 7

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

Name

1886 Solvay Coke Misc Samples

Received: 08/15/07 Analyzed: 08/23/07

Analyst

Kevin Hachey

Sample ID:

%Asbestos

Description & Composition

End of Report

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Ver: Vermiculite Per: Gyp: Gs: Perlite Gypsum Glass Shot Particulate PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

Test method: EPA/600/R-93/116. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of Micro Analytical, Inc.

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NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

88996

Name

1886 - Solvay Coke MD

Received: 08/23/07 Analyzed: 08/23/07

Analyst

Arthur, L. Warneke III

Sample ID: %Asbestos Description & Composition

MD-01A

25% Chry

Black Resinous

75% Pt MLM Qu Tar

MD-02A

15% Chry

Gray Compact

85% Pt MLM Ou Cal

End of Report

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Perlite Gypsum Glass Shot Particulate Gyp: Gs: Pt:

-M: Paint Like Material M: Mixed Limestone Material MLM:

Quartz Calcite Resinous Material Diatomaceous Earth



NATURAL RESOURCE TECHNOLOGY, INC. 23713 WEST PAUL ROAD, UNIT D

TEL: 262,522,1202 (Sarah)

CHAIN	OF	cus	TODY	RECOR
			08/13/07	7

DATE:

TECHNOLOGY	PEWAUKEE, WI 53072			1											f	PAGE	:		1		OF		_
LABORATORY SAMPLES SUBMITTED TO:					CLIENT PROJECT NAME PROJECT NUMBER / TASK NUMBER:											R 7 TASK NUMBER:	_						
ADDRESS:	······································						Viilwa	ukee	Sol	vay									1866				
1521 West North Avenue						PROJECT CONTACT: QUOTE NO.: Sarah Ganswindt																	
Milwaukee, WI 53226	T FAX:	0				SAMPLER(S): (NAME / SIGNATURE) Sarah Ganswindt Tim Klingbiel											_						
14-771-0855 TURNAROUND TIME	414-771-6570					<u> </u>																	_
X STANDARD 24 HR 48HF	:	AYS 🗀				REQUESTED ANALYSIS																	
ite Address: 311 West Greenfie			neous S	ample	es-	T	Г		T	Т	T			Γ					T	Τ	100		1 157
Mark Davis, Area A																							
SAMPLE 10	FIELD GOMMENTS	DATE	TIME	183/A	*Con	PLM																LAB USE ONLY	63.
Rope/Runs Through Brick	A-Misc 1	08/13/07		Solid		x															Hol		
Gasket at Metal Pile	A-Misc 2	08/13/07		Solid	3	×													Г		Hol	d	
Gasket at Metal Cylinder	A-Misc 3	08/13/07		Solid	3	x														T	Hol	d	
Mortar in Chimney Stack	A-Misc 4	08/13/07		Solid	3	×															Hol	d	
Brick Inside Metal Door	A-Misc 5	08/13/07		Solid	3	x															Hoi	ď	
Roof Material in Front of Structure	Misc 6-1	08/13/07		Solid	3	×															Hol	d .	
Roof Material in Front of Structure	Misc 6-2	08/13/07		Solid	3	×															Hol	d	
	A-Misc 7	08/13/07		Solid	3	×															Hai	d	
Brick and Mortar Brick and Mortar	A-Misc 8	08/13/07		Solid	3	x							-								Hol	d	
Transite	A-Misc 9	08/13/07		Solid	3	×															Hol	d	
Rope Gasket	A-Misc 10	08/13/07		Solid	3	x														T	Hol	d	
Roof Material	A-Misc 11	08/13/07		Solid	3	x															Hol	d	
Pipe Insulation	A-Misc 12	08/13/07		Solid	3	х															Hole	d	
Packing Material	A-Misc 13	08/13/07		Solid	3	×									*****						Hole	đ	
	A-Misc 14	08/13/07		Solid	3	x															Hole	d	
	A-Misc 15	08/13/07		Solid	3	x															Hale	d	
MD Sample	1	08/13/07		Solid	3	x																	
MD Sample	2.	08/13/07		Solid	3	х																	
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NATURAL RESOURCE TECHNOLOGY, INC. 23713 WEST PAUL ROAD, UNIT D

TEL: 262.522.1202 (Sarah)

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DATE:

TECHNOLOGY	PEWAUKEE, WI 53072														1	PAGE	:		1		OF			
LABORATORY SAMPLES SUBMITTED TO:						CU	ENT PR	OJECT.	NAME											DJECT		TTASK NUMBE	R:	
Micro Analytical ADDRESS:						Milwaukee Solvay											1866							
11521 West North Avenue	· · · · · · · · · · · · · · · · · · ·	·- ·-				PROJECT CONTACT:									QUOTE NO.:									
Milwaukee, Wi 53226						Sarah Ganswindt sampler(s): (NAME / SIGNATURE) Sarah Ganswindt Tim Klingbiel																		
TEL: 414-771-0855 TURNAROUND TIME	FAX: 414-771-6570						,-				,					٠					- go.o.			
STANDARD 24 HR 48HR 72 HR DAYS						REQUESTED ANALYSIS																		
Site Address: 311 West Greenfie			neous S	Sample	es-			T		Т			T	Г			Τ	1	Τ	1	1.			
Mark Davis Area A and 2 from A	rea C	•																						
SAMPLE ID	FIELD COMMENTS	DATE	TIME	48/1/4	*COM	PLM															30 mg	CAB	HUSE ONLY	i. Nastauren at
Cardboard Insulator	A-Misc 16	08/14/07		Solid		x															Hold			
Firebrick	A-Misc 17	08/14/07		Solid	3	x														1	Hala			
Clothwire	A-Misc 18	a08/14/07		Solid	3	×			1											1	Holo			,
Coal Pile	A-Misc 19	08/14/07		Solid	3	×						T									Holo			
Black Material Stuck to Concrete	A-Misc 20	08/14/07		Solid	3	x							†	1							Holo			
Insulation	A-Misc 21	08/14/07		Solid	3	x		\vdash													Holo			
Transite Roof	A-Misc 22	08/14/07		Solid	3	х													1		Holo			
Material at A-27	A-Misc 23	08/14/07		Solid	3	×					1			-			†		1		Holo			
Material at A-27	A-Misc 24	08/14/07		Solid	3	x	 		<u> </u>												Holo			
Roofing through out Pile	C-Misc 25	08/14/07		Solid	3	x				T		1					T			1	1			
Gaskets at C-11	C-Misc 26	08/14/07	 	Solid	3	×	<u> </u>	\Box		†					_					1	1-			
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Fax: (414)771-6570

Page 1 of 8

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

Name

88918

1866 - Solvay, Area C

Received: 08/15/07

Analyzed: 08/22/07

Analyst

Kevin Haghey

		7	
Sample ID:	%Asbestos_	Description & Composition	
7-012		Multi Colored Compact	

C-01A	None Detected	Multi	Colored 100%	Compact Pt MLM Qu Cal
C-01B	None Detected	Multi	Colored 100%	Compact Pt MLM Qu Cal
C-01C	None Detected	Multi	Colored 100%	Compact Pt MLM Qu Cal
C-03A	None Detected	Multi	Colored 100%	Compact Pt MLM Qu Cal
C-03B	None Detected	Multi	Colored 100%	Compact Pt MLM Qu Cal
C-03C	None Detected	Multi	Colored 100%	Compact Pt MLM Qu Cal
C-04A	None Detected	Black	Compact 100%	Pt MLM Qu Cal
C-04B		Black	Compact	

Chry:	Chrysotile
Amos:	Amosite
Croc:	Crocidolite
Act:	Actinolite
Trem:	Tremolite
Anth:	Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

None Detected

Vermiculite Perlite Gypsum Glass Shot Particulate Per: Gyp: Gs: Pt:

PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

100% Pt MLM Ou Cal

MICRO ANALYTICAL, INC. 11521 West North Avenue Milwaukee, WI 53226 (800)771-9820 (414)771-0855

Page 2 of 8

NVLAP 101247-0

Fax: (414)771-6570

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

C-06C

C-07A

WI 53072

Report #

Name

88918

1/ - - 1/

100% Pt MLM Qu Cal

1866 - Solvay, Area C

Received: 08/15/07 Analyzed: 08/22/07

Analyst Kevin Hachey

G] - TD	0.7 1	m of the
Sample ID:	%Asbestos	Description & Composition
C-04C	None Detected	Black Compact 100% Pt MLM Qu Cal
C-05A	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal
C-05B	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal
C-05C	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal
C-06A	None Detected	Off-White Compact 100% Pt MLM Qu Cal
C-06B	None Detected	Off-White Compact 100% Pt MLM Qu Cal

Chry: Chrysotile Fg: Fibrous Glass Ver: Vermiculite PL-M: Paint Like Material
Amos: Amosite Ce: Cellulose Per: Perlite MLM: Mixed Limestone Material
Croc: Crocidolite Syn: Synthetic Fiber Gyp: Gypsum Qu: Quartz
Act: Actinolite H: Hair Gs: Glass Shot Cal: Calcite
Trem: Tremolite Sc: Silicate Pt: Particulate Rs: Resinous Material
Anth: Anthophyllite

None Detected

Test method: EPA/600/R-93/116. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of Micro Analytical, Inc.

Off-White Compact

Black Loose
None Detected Trace Ce 100% Pt MLM Qu Cal

(800) 771-9820 (414) 771-0855

Fax: (414)771-6570

3 of 8 Page

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Sample ID:

Pewaukee

WI 53072

%Asbestos

Report #

88918

Name

1866 - Solvay, Area C

Received: 08/15/07 Analyzed: 08/22/07

Analyst

Kevin Haghey

		1	
Description	&	Composition	

C-07B	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal
C-07C	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal
C-08A	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal
C-08B	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal
C-08C	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal
C-09A	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal
C-09B	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal
C-09C	None Detected	Black Loose 100% Pt MLM Qu Cal

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite

Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Per: Gyp: Gs: Perlite Gypsum Glass Shot Particulate

(800)771-9820 (414)771-0855

Fax: (414)771-6570

Page 4 of 8

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

88918

Name

1866 - Solvay, Area C

Received: 08/15/07

Analyzed: 08/22/07

Analyst

Kevin Hachey

Sample ID:	%Asbestos	Description & Composition
C-10A	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal
°C-10B	None Detected	Black Loose Trace Ce 100% Pt MLM Qu
C-10C	None Detected	Black Loose Trace Ce 100% Pt MLM Qu
C-11A	None Detected	Black Resinous 20% Fg 80% Pt MLM Qu Cal Ta
C-11B	None Detected	Black Resinous 15% Fg 70% Pt MLM Qu Cal Ta 15% Ce
C-11C	None Detected	Black Resinous 15% Fg 70% Pt MLM Qu Cal Ta 15% Ce

Chry:	Chrysotile
Amos:	Amosite
Croc:	Crocidolite
Act:	Actinolite
Trem:	Tremolite
Anth.	Anthonhyllit

C-12A

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

None Detected

Vermiculite Per: Gyp: Gs: Perlite Gypsum Glass Shot Particulate PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

100% Pt MLM Qu Cal

Gray Compact

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Page 5 of 8

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

88918

Name

1866 - Solvay, Area C

Received: 08/15/07 Analyzed: 08/22/07

Analyst

Kevin Hachey

		Analyst Kevin Hachey
Sample ID:	%Asbestos	Description & Composition
C-12B	None Detected	Gray Compact 100% Pt MLM Qu Cal
C-12C	None Detected	Multi Colored Compact 100% Pt MLM Qu Cal
C-13A	None Detected	Gray Compact 100% Pt MLM Qu Cal
C-13B	None Detected	Gray Compact 100% Pt MLM Qu Cal
C-13C	None Detected	Gray Compact 100% Pt MLM Qu Cal
C-14A	None Detected	Gray Compact 100% Pt MLM Qu Cal
C-14B	None Detected	Gray Compact 100% Pt MLM Qu Cal
C-14C	None Detected	Gray Compact 100% Pt MLM Qu Cal

Amos: Croc: Act: Trem:	Chrysotile Amosite Crocidolite Actinolite Tremolite Anthophyllite	Ce: Syn: H:	Fibrous Glass Cellulose Synthetic Fiber Hair Silicate	Per:	MLM: Qu: Cal:	Paint Like Material Mixed Limestone Material Quartz Calcite Resinous Material Diatomaceous Earth

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Fax: (414)771-6570

Page 6 of 8

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite

Anth: Anthophyllite

WI 53072

Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate Report #

Name

88918 1866 - Solvay, Area C

Received: 08/15/07 Analyzed: 08/22/07

Analyst

Kevin Hachey

PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

Sample ID:	%Asbestos	Description & Composition /
C-15A	None Detected	Gray Compact 100% Pt MLM Qu Cal
C-15B	None Detected	Gray Compact 100% Pt MLM Qu Cal
C-15C	None Detected	Gray Compact 100% Pt MLM Qu Cal
C-16A	None Detected	Black Compact Trace Ce 100% Pt MLM Qu
C-16B	None Detected	Black Compact Trace Ce 100% Pt MLM Qu
C-16C	None Detected	Black Compact 100% Pt MLM Qu
C-17A	None Detected	Black Loose Trace Ce 100% Pt MLM Qu Cal
C-17B	None Detected	Black Compact 100% Pt MLM Qu Cal

Vermiculite

Perlite Gypsum Glass Shot Particulate

Per: Gyp: Gs:

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Fax: (414)771-6570

7 of 8 Page

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee WI 53072

88918 Report #

1866 - Solvay, Area C Name

Received: 08/15/07 Analyzed: 08/22/07

Kevin Hachey Analyst

Sample ID:	%Asbestos	Description & Composition
C-17C	None Detected	Black Compact 100% Pt MLM Qu Cal
C-18A	None Detected	Multi Colored Compact 100% PL-M MLM Qu Cal Tar
C-18B	None Detected	Multi Colored Compact 100% PL-M MLM Qu Cal Tar
C-18C	None Detected	Multi Colored Compact 100% PL-M MLM Qu Cal Tar
C-19A	None Detected	Black Resinous Trace Ce 100% Pt MLM Qu Cal Tar
C-19B	None Detected	Black Resinous Trace Ce 100% Pt MLM Qu Cal Tar
C-19C	None Detected	Black Resinous 100% Pt MLM Qu Cal Tar

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite

Fg: Fibrous Glass Ce: Cellulose Sym: Symthetic Fiber H: Hair Sc: Silicate

Ver: Per: Gyp: Gs: Vermiculite Perlite Gypsum Glass Shot Particulate

MICRO ANALYTICAL, INC. 11521 West North Avenue Milwaukee, WI 53226 (800) 771-9820 (414) 771-0855

Fax: (414)771-6570

8 of 8 Page

NVLAP 101247-0

BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report #

Name

88918

1866 - Solvay, Area C

Received: 08/15/07 Analyzed: 08/22/07

Analyst

Kevin Hachey

Sample ID:

%Asbestos

Description & Composition

End of Report

Chry: Chrysotile Amos: Amosite Croc: Crocidolite Act: Actinolite Trem: Tremolite Anth: Anthophyllite Fg: Fibrous Glass Ce: Cellulose Syn: Synthetic Fiber H: Hair Sc: Silicate

Vermiculite Per: Gyp: Gs: Perlite Gypsum Glass Shot Particulate PL-M: Paint Like Material
MLM: Mixed Limestone Material
Qu: Quartz
Cal: Calcite
Rs: Resinous Material
De: Diatomaceous Earth

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NVLAP 101247-0

1 of 1

Page

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BULK ASBESTOS ANALYTICAL REPORT Utilizing PLM and Dispersion Stain Technique

Natural Resource Technology

23713 W. Paul Road

Pewaukee

WI 53072

Report # 89048

Name 1866 - Solvay, C Samples

Received: 08/24/07 Analyzed: 08/27/07

Analyst Arthur L Warneke III

Sample ID: %Asbestos Description & Composition

C-2A

Gray Compressed

45% Chry

55% Pt MLM Rs

End of Report

Chry: Chrysotile Amon: Amonite Crou: Crocicolite Act: Actinolite Prom: Tremolike Anth: Anthophyllite Fg: Fibrous Glass Cm: Collulose Syn: Synthetic Fiber H: Hair Sc: Silicate Ver: Vermiculite Per: Perlite Gyp: Ovpsum Ch: Glass Show Pt: Particulate PL-M: Paint Like Material
Mixed Limentone Material

Qu: Quartz
Cal: Calcite
Re: Recinous Material
De: Diatomaceous Eurth



NATURAL RESOURCE TECHNOLOGY, INC.

CHAIN OF CUSTODY RECORD

RESOURCE TECHNOLOGY	23713 WEST PAUL ROA PEWAUKEE, WI 53072	D, UNIT D			TEL:	262.5	522.120	02 (Sa	arah)							DATE:			1		OF.	08/14/07
ABORATORY SAMPLES SUBMITTED TO:						ı cu	ਨਸ਼ਵ ਸਮਤ	OJECTI	ихие											OJECT!	_	R / TASK NUMBER:
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1521 West North Avenue						PRO	OJECT C	CONTACT	CT:											UOTE N		
irry: lilwaukee, WI 53226				_			Sarah MPLER(S)				F)	Sarah	n Gan	swind'					Tir	n Klir	nabie	ıl .
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SAMPLE ID	FIELD COMMENTS	DATE	TIME	No.114	*CON	PLM	'														.jr	LABIUSEONLY
Brick and Mortar	C-1	08/14/07		Solid		х																
Gasket Material	C-2	08/14/07		Solid	3	x																
Concrete	C-3	08/14/07		Solid	3	х																
Coal	C-4	08/14/07		Solid	3	х																
Coal	C-5	°08/14/07		Solid	3	x																
Brick Mortar	C-6	08/14/07		Solid	3	x																
Coal	C-7	08/14/07		Solid	3	x																
Coal	C-8	08/14/07		Solid	3	х														1		
Coal and Rubble	C-9	08/14/07	'	Solid	3	х									<u> </u>							
Coal	C-10	08/14/07		Solid	3	х																
Asphalt	C-11	08/14/07		Solid	3	х		\Box'														
Brick Mortar	C-12	08/14/07		Solid	3	x			Γ_{-}													
Brick Mortar	C-13	08/14/07		Solid	3	x																
Rubble	C-14	08/14/07		Solid	3	х																
Mortar	C-15	08/14/07		Solid	3	х		ロ										_				
Coal	C-16	08/14/07		Solid	3	х																
Coal	C-17	08/14/07		Solid	3	x																
Brick and Rubble	C-18	08/14/07		Solid	3	x																
Asphalt	C-19	08/14/07		Solid	3	x																
Roofing at C 15	Misc 25	08/14/07		Solid	3	х				-					'						Holo	d
Gasket Material at C 11	Misc 26	08/14/07		Solid	3	x															Holo	d
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ilinguished by: (Signature)				Received	d by: (5	ignatu	re)										-+	Date:				Time:

B-9 5 Page 1 of 1

NVLAP Code: 101247-0

Bulk Point Count Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 23713 West Paul Road Pewaukee, WI 53072 Report # 89107

Name: 1866 - Solvay Received: 08/28/2007

Analyzed: 08/29/2007 Analyst: Jon Yakish

Asbestos Type Sample ID % Asbestos Color Description < 0.25 Chrysotile Black B-09A Loose < 0.25 Black B-09B Amosite Loose DP-08A II < 0.25 Chrysotile Multi-Colored Loose

Test method; EPA/600/R-93/116. Quantitation is done by Point Count Technique, which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government, This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of Micro Analytical, Inc.

Page 1 of 7

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukee, WI 53072 Report #: 88919

Name: #1866 - Solvay, Area B Soil

Received: 08/15/2007 Analyzed: 08/23/2007 Analyst: Jon Yakish

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Asbestos Type	Color	Description
BS-01	Not Present	NA	Black	Soil
BS-02	Not Present	NA	Black	Soil
BS-03	Present	Chrysotile	Black	Soil
BS-04	Not Present	NA	Black	Soil
BS-05	Not Present	NA	Black	Soil
BS-06	Not Present	NA	Black	Soil
BS-07	Not Present	NA	Black	Soil
BS-08	Present	Chrysotile	Brown	Soil

Page 2 of 7

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukee, WI 53072 Report #: 88919

Name: #1866 - Solvay, Area B Soil

Received: 08/15/2007 Analyzed: 08/23/2007 Analyst: Jon Yakish

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Asbestos Type	Color	Description
BS-09	Not Present	NA	Black	Soil
BS-10	Not Present	NA	Black	Soil
BS-11	Not Present	NA	Black	Soil
BS-12	Not Present	NA	Black	Soil
BS-13	Not Present	NA	Brown	Soil
BS-14	Not Present	NA	Black	Soil
BS-15	Present	Amosite	Brown	Soil
BS-16	Not Present	NA	Black	Soil

Page 3 of 7

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukee, WI 53072 Report #: 88919

Name: #1866 - Solvay, Area B Soil

Received: 08/15/2007 Analyzed: 08/23/2007 Analyst: Jon Yakish

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Asbestos Type	Color	Description
BS-17	Not Present	NA	Black	Soil
BS-18	Not Present	NA	Black	Soil
BS-19	Present	Amosite	Black	Soil
BS-20	Present	Chrysotile	Black	Soil
BS-21	Not Present	NA	Black	Soil
BS-22	Not Present	NA	Black	Soil
BS-23	Not Present	NA	Black	Soil
BS-24	Not Present	NA	Black	Soil

Page 4 of 7

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukee, WI 53072 Report #: 88919

Name: #1866 - Solvay, Area B Soil

Received: 08/15/2007 Analyzed: 08/23/2007 Analyst: Jon Yakish

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Asbestos Type	Color	Description
BS-25	Present	Chrysotile	Black	Soil
BS-26	Not Present	NA	Black	Soil
BS-27	Not Present	NA	Black	Soil
BS-28	Present	Chrysotile	Black	Soil
BS-29	Not Present	NA	Black	Soil
BS-30	Not Present	NA	Black	Soil
BS-31	Not Present	NA	Black	Soil
BS-32	Present	Chrysotile	Black	Soil

Page 5 of 7

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukee, WI 53072 Report #: 88919

Name: #1866 - Solvay, Area B Soil

Received: 08/15/2007 Analyzed: 08/23/2007 Analyst: Jon Yakish

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Asbestos Type	Color	Description
BS-33	Not Present	NA	Black	Soil
BS-34	Not Present	NA	Black	Soil
BS-35	Not Present	NA	Black	Soil
BS-36	Not Present	NA	Black	Soil
BS-37	Not Present	NA	Black	Soil
BS-38	Not Present	NA	Black	Soil
BS-39	Not Present	NA	Black	Soil
BS-40	Present	Chrysotile	Black	Soil

Page 6 of 7

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukee, WI 53072 Report #: 88919

Name: #1866 - Solvay, Area B Soil

Received: 08/15/2007 Analyzed: 08/23/2007 Analyst: Jon Yakish

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytica Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Asbestos Type	Color	Description
BS-41	Not Present	NA	Black	Soil
BS-42	Not Present	NA	Black	Soil
BS-43	Not Present	NA	Black	Soil
BS-44	Not Present	NA	Black	Soil
BS-45	Not Present	NA	Black	Soil
BS-46	Not Present	NA	Black	Soil
BS-47	Not Present	NÀ	Black	Soil
BS-48	Not Present	NA	Black	Soil

Page 7 of 7

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology

273713 W. Paul Road Pewaukee, WI 53072 Report #: 88919

Name: #1866 - Solvay, Area B Soil

Received: 08/15/2007 Analyzed: 08/23/2007

Analyst: Jon Yakish

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Asbestos Type	Color	Description
BS-49	Not Present	NA	Black	Soil
BS-50	Not Present	NA	Black	Soil

Page 1 of 8

NVLAP Codc: 101247-0

p.2

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukee, WI 53072

Report # 89034

Name: 1866 - Solvay, C Area Soils

Received: 08/16/2007 Analyzed: 08/28/2007

Analyst: Jon Yakish, Kevin Hachey

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical, Inc.'s NVI.AP accreditation.

Sample ID	Asbestos	Asbestos Type	Color	Description
CS-01	Not Present	NA	Brown	Soil
CS-02	Not Present	NA	Brown	Soil
CS-03	Not Present	NA	Brown	Soil
CS-04	Not Present	NA	Brown	Soil
CS-05	Not Present	NA	Black	Soil
CS-06	Not Present	NA	Brown	Soil
CS-07	Not Present	NA	Black	Soil
CS-08	Not Present	NA	Brown	Soil

Page 2 of 8

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukee, WI 53072

Report # 89034

Name: 1866 - Solvay, C Arca Soils

Received: 08/16/2007 Analyzed: 08/28/2007

Analyst: Jon Yakish, Kevin Hachey

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical, Inc.'s NVI Al' accreditation

Sample ID	Asbestos	Asbestos Type	Color	Description
CS-09	Present	Chrysotile	Black	Soil
CS-10	Not Present	NA	Brown	Soil
CS-11	Not Present	NΛ	Brown	Soil o
CS-12	Not Present	NA	Black	Soil
CS-13	Not Present	NA	Brown	Soil
CS-14	Not Present	NA	Black	Soil
CS-15	Not Present	NA	Brown	Soil
CS-16	Not Present	NA	Black	Soil

Page 3 of 8

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pcwaukee, WI 53072

Report # 89034

Name: 1866 - Solvay, C Area Soils

Received: 08/16/2007 Analyzed: 08/28/2007

Analyst: Jon Yakish, Kevin Hachey

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Ashestos Type	Color	Description
CS-17	Not Present	NA	Black	Soil
CS-18	Not Present	NA	Black	Soil
CS-19	Not Present	NA	Black	Soil
CS-20	Not Present	NA	Black	Soil
CS-21	Not Present	NA	Black	Soil
CS-22	Not Present	NA	Brown	Soil
CS-23	Not Present	NA	Black	Soil
CS-24	Not Present	NA	Brown	Soil

p.5

Micro Analytical, Inc. 11521 W. North Avenue Milwaukce, WI 53226 (414)-771-0855

Page 4 of 8

NVLAP Codc: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukee, WI 53072

Report # 89034

Name: 1866 - Solvay, C Area Soils

Received: 08/16/2007 Analyzed: 08/28/2007

Analyst: Jon Yakish, Kevin Hachey

This report is a qualitative test for aspectos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Asbestos Type	Color	Description
CS-25	Not Present	NA	Black	Soil
CS-26	Not Present	NA	Black	Soil
CS-27	Present	Chrysotile	Black	Soil
CS-28	Not Present	NA	Brown	Soil
CS-29	Not Present	NA	Black	Soil
CS-30	Not Present	NA	Black	Soil
CS-31	Present	Chrysotile	Brown	Soil
CS-32	Present	Chrysotile	Black	Soil

Page 5 of 8

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Micro Analytical

Natural Resource Technology 273713 W. Paul Road Pewaukec, WI 53072

Report # 89034

Name: 1866 - Solvay, C Arca Soils

Received: 08/16/2007 Analyzed: 08/28/2007

Analyst: Jon Yakish, Kevin Hachey

This report is a qualitative test for ashestos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation

Sample ID	Asbestos	Asbestos Type	Color	Description	
CS-33	Not Present	NΛ	Black	Soil	
CS-34	Not Present	NA	Black	Soil	
CS-35	Not Present	NA	Black	Soil	
CS-36	Present	Chrysotile	Black	Soil	
CS-37	Not Present	NA	Black	Soil	
CS-38	Not Present	NA	Black	Soil	
CS-39	Present	Chrysotile	Brown	Soil	
CS-40	Present	Chrysotile	Brown	Soil	

Page 6 of 8

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukee, WI 53072

Report # 89034

Name: 1866 Solvay, C Area Soils

Received: 08/16/2007 Analyzed: 08/28/2007

Jon Yakish, Jan Yahish Kevin Hachey Analyst: Jon Yakish,

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical, Inc.'s NVI.AP accreditation

Sample ID	Asbestos	Asbestos Typc	Color	Description	
CS-41	Not Present	NA	Black	Chrysotile	
CS-42	Not Present	NΛ	Black	Soil	
CS-43	Present	Chrysotile	Brown	Soil	
CS-44	Present	Chrysotile	Brown	Soil	
CS-45	Not Present	NA	Black	Soil	
CS-46	Not Present	NA	Black	Soil	
CS-47	Not Present	NA	Black	Soil	
CS-48	Not Present	NA	Black	Soil	

Page 7 of 8

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukce, WI 53072 Report # 89034

Name: 1866 - Solvay, C Area Soils

Received: 08/16/2007 Analyzed: 08/28/2007

Analyst: Jon Yakish,

Kevin Hachey

This report is a qualitative test for aspestos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Asbestos Typc	Color	Description	
CS-49	Not Present	NA	Black	Soil	
CS-50	Not Present	NA	Black	Soil	
CS-51	Not Present	NA	Black	Soil	
CS-52	Not Present	NA	Black	Soil	
CS-53	Not Present	NA	Black	Soil	
CS-54	Present	Chrysotile	Black	Soil	
CS-55	Not Present	NA	Black	Soil	
CS-56	Not Present	NA	Black	Soil	

p.9

Micro Analytical, Inc. 11521 W. North Avenue Milwaukee, WI 53226 (414)-771-0855

Page 8 of 8

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pcwaukee, W1 53072

Report # 89034

Name: 1866 - Solvay, C Area Soils

Received: 08/16/2007 Analyzed: 08/28/2007

Analyst: Jon Yakish,

Kevin Hachey Julyahush

This report is a qualitative test for aspectos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation

Sample ID Asbestos		Asbestos Typc	Color	Description	
CS-57	Not Present	NA	Black	Soil	

Page 1 of 6

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukcc, WI 53072

Rcport #: 88987

Namc: #1866 - Solvay, A Area Soil

Received: 08/15/2007 Analyzed: 08/23/2007

Analyst: Jon Yakish,

Jon Yakish, Juliahih Kevin Hachey

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Asbestos Type	Color	Description
AS-01	Present	Chrysotile	Black	Soil
AS-02	Present	Chrysotile	Black	Soil
AS-03	Not Present	NA	Black	Soil
AS-04	Not Present	NA	Black	Soil
AS-05	Not Present	NA	Black	Soil
AS-06	Not Present	NA	Black	Soil
AS-07	Not Present	NA	Black	Soil
AS-08	Not Present	NA	Black	Soil

Page 2 of 6

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukee, WI 53072

Report #: 88987

Name: #1866 - Solvay, A Arca Soil

Received: 08/15/2007 Analyzed: 08/23/2007

Analyst: Jon Yakish,

Kevin Hachcy John L-

This report is a qualitative test for ashestos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation,

Sample ID	Asbestos	Asbestos Type	Color	Description	
AS-09	Not Present	NA	Black	Soil	
AS-10	Not Present	NA	Black	Soil	
AS-11	Present	Chrysotile	Black	Soil	
AS-12	Not Present	NA	Black	Soil	
AS-13	Present	Chrysotile	Black	Soil	
AS-14	Present	Chrysotile	Black	Soil	
AS-15	Present	Chrysotile	Black	Soil	
AS-16	Not Present	NA	Brown	Soil	

Page 3 of 6

NVLAP Codc: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pcwaukee, WI 53072

Report #: 88987

Name: #1866 - Solvay, A Area Soil

Received: 08/15/2007 Analyzed: 08/23/2007

Analyst: Jon Yakish, Kevin Hachey

This report is a qualitative test for asbestos only, and therefore fulls outside of Micro Analytical, Inc.'s NVLAP accreditation

Sample ID	Ashestos	Asbestos Type	Color	Description
AS-17	Present	Chrysotile	Black	Soil
AS-18	Present	Chrysotile	Black	Soil
AS-19	Present	Chrysotile	Black	Soil
AS-20	Present	Chrysotile	Black	Soil
AS-21	Not Present	NA	Brown	Soil
AS-22	Present	Chrysotile	Black	Soil
AS-23	Present	Chrysotile	Brown	Soil
AS-24	Present	Chrysotile	Black	Soil

Page 4 of 6

NVLAP Codc: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pcwaukee, WI 53072

Report #: 88987

Name: #1866 - Solvay, A Area Soil

Received: 08/15/2007 Analyzed: 08/23/2007

Kevin Hachey Analyst: Jon Yakish,

This report is a qualitative test for ashestos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Asbestos Type	Color	Description
AS-25	Present	Chrysotile	Black	Soil
AS-26	Present	Chrysotile	Black	Soil
AS-27	Present	Chrysotile	Black	Soil
AS-28	Not Present	NA	Black	Soil
AS-29	Not Present	NA	Black	Soil
AS-30	Not Present	NA	Brown	Soil
AS-31	Not Present	NA	Brown	Soil
AS-32	Not Present	NA	Black	Soil

Page 5 of 6

NVLAP Codc: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukee, WI 53072

Report #: 88987

Name: #1866 - Solvay, A Area Soil

Received: 08/15/2007 Analyzed: 08/23/2007

Analyst: Jon Yakish, Kevin Hachey

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accorditation.

Sample ID	Asbestos	Asbestos Type	Color	Description	
AS-33	Not Present	NA	Black	Soil	
AS-34	Not Present	NA	Black	Soil	
AS-35	Not Present	NA	Brown	Soil	
AS-36	Not Present	NA	Brown	Soil	
AS-37	Not Present	NA	Brown	Soil	
AS-38	Present	Chrysotile	Brown	Soil	
AS-39	Not Present	NA	Black	Soil	
AS-40	Not Present	NA	Brown	Soil	

Page 6 of 6

NVLAP Code: 101247-0

Bulk Qualitative Analytical Report Utilizing PLM and Dispersion Staining

Natural Resource Technology 273713 W. Paul Road Pewaukce, WI 53072

Report #: 88987

Name: #1866 - Solvay, A Area Soil

Received: 08/15/2007 Analyzed: 08/23/2007

Jon Yakish, Kevin Hachey Juliah Analyst: Jon Yakish,

This report is a qualitative test for asbestos only, and therefore falls outside of Micro Analytical, Inc.'s NVLAP accreditation.

Sample ID	Asbestos	Asbestos Typc	Color	Description	
AS-41	Not Present	NA	Brown	Soil	
AS-42	Not Present	NA	Black	Soil	
AS-43	Present	Chrysotile	Black	Soil	
AS-44	Present	Chrysotile	Black	Soil	
AS-45	Not Present	NA	Black	Soil	
AS-46	Not Present	NA	Black	Soil	
AS-47	Not Present	NA	Black	Soil	
AS-48	Not Present	NA	Brown	Soil	

Micro Analytical, Inc.

11521 West North Avenue Milwaukee, WI 53226

	414-771-085	5 * Fax 414-771-6570
Client: Out	uralK	esource tech
Job ID: 188	36 Mul	wantee Solvan
# Samples:		Type: PCM PLM Lead TEM (circle one)
Sample ID	Date Collected	Location/Remarks
BS-1	8/15/07	Area B
Through BS-50		↓
CS-1 Through		Ara C
CS-57		
A5-1 Through		Acea A
AS-48		
	V	
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Ex Co	mowind	August 1507
Relinquished by Date/Tin	ne	Received by Date/Time
Relinquished by Date/Tin	ne	Received by Date/Time
Relinquished by Date/Tin	ne	Received By Date/Time
Notes: Call R	esults #	Fav #

APPENDIX B

ASBESTOS LABORATORY ANALYTICAL RESULTS (EMSL ANALYTICAL, INC.)



EMSL Analytical

2001 East 52nd St., Indianapolis, IN 46205

Fax: (317) 803-3047 Email: indianapolisiab@emsl.com Phone: (317) 803-2997

Attn: Sarah Ganswindt

Natural Resource Technology, Inc.

23713 West Paul Road

Unit D

Fax:

Pewaukee, WI 53072

(262) 523-9001

Phone: (262) 522-1202

Project: None given

EMSL Proj:

Analysis Date:

Customer ID:

Customer PO:

EMSL Order:

Received:

8/29/2007

NRTC78

160710676

1886 MIL SOLVAY

08/17/07 8:30 AM

Report Date: 8/29/2007

PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

				<u>Nor</u>	-Asbestos		<u>Asbestos</u>	
Sample	Location	Appearance	%	Fibrous	%	Non-Fibrous	%	Туре
B-1 160710676-0001		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)		None Detected
B-2 160710676-0002		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)		None Detected
B-3 160710676-0003		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)		None Detected
B-4 160710676-0004		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)		None Detected
B-5 160710676-0005		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)		None Detected
B-6 160710676-0006		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)		None Detected
B-7 160710676-0007		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)		None Detected
B-8 160710676-0008		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)		None Detected
B-9 160710676-0009		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)		None Detected

Analyst(s)	
Richard Harding (26)	

Richard Harding, Laboratory Manager or other approved signatory

1111 h. J.

This report relates only to the samples listed above and may not be reproduced except in full, without EMSL's written approval. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. EMSL is not responsible for sample collection activities or method limitations. Some samples may contain asbestos fibers below the resolution limit of PLM. EMSL recommends that samples reported as none detected or less than the limit of detection undergo additional analysis via TEM. Samples received in good condition unless otherwise noted.

PLMPointCount-1



EMSL Analytical

2001 East 52nd St., Indianapolis, IN 46205

Fax: (317) 803-3047 Emeil: indianapolislab@emsl.com Phone: (317) 803-2997

Attn: Sarah Ganswindt

Natural Resource Technology, Inc.

23713 West Paul Road

Unit D

Fax:

Pewaukee, WI 53072

(262) 523-9001

Phone: (262) 522-1202

Project: None given Customer ID:

NRTC78

Customer PO:

1886 MIL SOLVAY

Received:

08/17/07 8:30 AM

EMSL Order:

160710676

EMSL Proj:

Analysis Date:

8/29/2007

Report Date:

8/29/2007

PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

				Non-Asbestos			<u>Asbestos</u>	
Sample	Location	Appearance	%	Fibrous	% Non-Fi	ibrous	%	Туре
B-10 160710676-0010		Brown Fibrous Homogeneous			100.00% Non-fibi	rous (other)		None Detected
3-11 160710676-0011		Brown Fibrous Homogeneous			100.00% Non-fibi	rous (other)		None Detected
3-12 160710676-0012		Brown Fibrous Homogeneous			100.00% Non-fib	rous (other)		None Detected
C-1 160710676-0013		Brown Fibrous Homogeneous			100.00% Non-fib	rous (other)		None Detected
C-2 160710676-0014		Brown Fibrous Homogeneous			100.00% Non-fib	rous (other)		None Detected
C-3 160710676-0015		Brown Fibrous Homogeneous			100.00% Non-fib	rous (other)	_	None Detected
C-4 160710676-0016		Brown Fibrous Homogeneous			100.00% Non-fib	rous (other)		None Detected
C-5 160710676-0017		Brown Fibrous Homogeneous			100.00% Non-fib	orous (other)		None Detected
C-6 160710676-0018		Brown Fibrous Homogeneous			100.00% Non-fib	rous (other)		None Detected

Analyst(s)	
Richard Harding (26)	

Richard Harding, Laboratory Manager or other approved signatory

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EMSL Analytical

2001 East 52nd St., Indianapolis, IN 46205

Phone: (317) 803-2997

Fax: (317) 803-3047 Email: indianapolisiab@emsl.com

Attn: Sarah Ganswindt

Natural Resource Technology, Inc.

23713 West Paul Road

Unit D

Pewaukee, WI 53072

Fax: Project: (262) 523-9001

Phone: (262) 522-1202

None given

EMSL Proj:

Customer ID:

Customer PO:

EMSL Order:

Received:

Analysis Date:

8/29/2007

Report Date:

8/29/2007

NRTC78

160710676

1886 MIL SOLVAY

08/17/07 8:30 AM

PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

			Non-Asi				<u>Asbestos</u>
Sample	Location	Appearance	%	Fibrous	%	Non-Fibrous	% Type
C-7 160710676-0019		Brown Fibrous Homogeneous	-		100.00%	Non-fibrous (other)	None Detected
C-8 160710676-0020		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)	None Detected
C-9 160710676-0021		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)	None Detected
C-10 160710676-0022		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)	None Detected
C-11 160710676-0023		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)	None Detected
C-12 160710676-0024	-	Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)	None Detected
C-13 160710676-0025		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)	None Detected
C-14 160710676-0026		Brown Fibrous Homogeneous			100.00%	Non-fibrous (other)	None Detected

Analyst(s)		
Richard Harding (26)		

Richard Harding, Laboratory Manager or other approved signatory

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Chain of Custody

Asbestos Lab Services

EMSL Analytical, Inc. 2001 East 52nd Street Indianapolis, IN 46205

Phone: (317) 803-2997 Fax: (317) 803-3047

Please print	all information legib	ly.	16	07/06	76 http:	//www.emsl.com	
Сотрану:	Natural:	Natural Resource Technology			atural Resource Techn	ology	
Address1:	23713 V	/. Paul Road	Ada	ress1: 2:	713 W. Paul Road		
Address2:			Add	ress2:			
City, State:	Pewauk	e, WI	Cin	State: Po	waukee, WI		
Zip/Post Co	de: 53702		. Zip/	Post Code: 53	53702.		
Country:	USA		Cou	ntry: U	ISA		
Contact Na	me: Sarah G	answindt	Attn	; S	Sarah Ganswindt		
Phone:	262-522	-1201	Phone: 2		262-522-1201		
Fax:	262-523	-9001	Fax: 2		62-523-9001		
Email:	sganswi	ndt@naturalrt.com	Emi	ul: se	answindt@naturalrt.co	m	
EMSL Rep:	Paul Vie	mann	P.O.	Number:	1086 MIL!	Solvay	
Project Nan	ne/Number:						
	MATRIX	ĺ		TUR	NAROUND		
C Air	X Soil	□ Micro-Vac	□ 3 Hours	□ 6 Hours		□ 24 Hours (1 day)	
D Bulk	☐ Drinking Water		☐ 48 Hours (2 days)	72 Hour (3 days)		☐ 120 Hours (5 days)	
☐ Wipe	Wastewater		X 144+ hours	X 144+ hours (6-10 days)			
amples. You v	ours, 6 hours, Please call a vill be asked to sign an aut t arrive by 11:00a.m. Mon	thorization form for this	service.	for 3-hour ful, pl	age call (-800-220-3675 for	price prior to sendia;	
PCM - Air		TEM Air			TEM WATER		
	7400(A) Issue 2: Augus		A 40 CFR, Part 7	63 Subpart E			
OSHA v	v/TWA						
Other:	ther:				□ NYS 198.2	* .	
PLM - Bull	M - Bulk TEM BULK					and the second second	
No. 10 contract to the contrac			.K		I KM MICTOVAC/WID	₽.	
	FF		a K Aount (Qualitativ	e)	TEM Microvac/Wip ASTM D 5755-9:		
□EPA 600	D/R-93/116	□ Drop N					
□EPA 600 □EPA Poi	D/R-93/116	□ Drop M □ Chatfie	Aount (Qualitativ eld SOP - 1988-0	2	☐ ASTM D 5755-9; ☐ Wipe Qualitative		
CEPA 600 CEPA Poi CNY Stra	D/R-93/116 int Count tified Point Count	□ Drop M □ Chatfie □ TEM M	Mount (Qualitativ eld SOP - 1988-0 NOB (Gravimetri	2 c) NYS 198.4	☐ ASTM D 5755-9; ☐ Wipe Qualitative		
□ EPA 600 □ EPA Poi □ NY Stra □ PLM NO	D/R-93/116 int Count tified Point Count DB (Gravimetric) NY	□ Drop M □ Chatfie □ TEM M	Mount (Qualitativ eld SOP - 1988-0 NOB (Gravimetri	2 c) NYS 198.4	☐ ASTM D 5755-9: ☐ Wipe Qualitative		
EPA 600 EPA Poi NY Stra PLM NO NIOSH	D/R-93/116 int Count tified Point Count DB (Gravimetric) NY 9002:	□ Drop M □ Chatfie □ TEM M	Aount (Qualitativ eld SOP - 1988-0 IOB (Gravimetri Standard Additio	2 c) NYS 198.4	☐ ASTM D 5755-9: ☐ Wipe Qualitative XRD	(quantative method)	
EPA 600 EPA Poi NY Stra PLM NO NIOSH	D/R-93/116 Int Count tified Point Count DB (Gravimetric) NY 9002: Standard Addition:	□ Drop M □ Chatfie □ TEM N 'S 198.1 □ EMSL PLM Soil	Aount (Qualitativ eld SOP - 1988-0 IOB (Gravimetri Standard Additio	2 c) NYS 198.4 on:	☐ ASTM D 5755-9: ☐ Wipe Qualitative XRD ☐ Asbestos	(quantative method)	
EPA 600 EPA POI NY Stra PLM NO NIOSH EMSLS	D/R-93/116 Int Count tified Point Count DB (Gravimetric) NY 9002: Standard Addition:	□ Drop M □ Chatfie □ TEM M 'S 198.1 □ EMSL PLM Soil □ EPA P	Aount (Qualitativ old SOP - 1988-0 NOB (Gravimetri Standard Additio	2 c) NYS 198.4 on: ve	☐ ASTM D 5755-9: ☐ Wipe Qualitative XRD ☐ Asbestos	5 (quantative method)	

Chain of Custody

EMSL Analytical, Inc. 2001 East 52nd Street Indianapolis, IN 46205

Asbestos Lab Services

Phone: (317) 803-2997 Fax: (317) 803-3047 http://www.emsl.com Please print all information legibly. Client Sample # (s Total Samples #: Relinquished: Time: Date: 8-17-07 Received: Time: Relinquished:

AMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
B - (
8-2		
B − 3		No. 102 Mars 1
B-4		
B-5		
B-6		
B-7		
B - 8		
B-9		
B-10		
B-II		
B-12		

Fax: (317) 803-3047

http://www.emsl.com Please print all information legibly. Total Samples #: 1 Client Sample # (s) Time: Time: Time: 810 Date: Time:

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
<u>C</u> -1		
C-a		
c-3		
C-4		
۵-5		
C-6		
6-7		
0-8		Machinia - John Commune Umod Off State and Advanced in The Community
0-9		
0-10		
0-11		
C-12		
C-13		
C-14		

APPENDIX C CERTIFICATIONS

Good Armstrong Training & Consulting, Inc

P.O. Box 210195(Milwankee, WT 53221-8004 (1262) 971-9663

Good Armstrong Training & Consulting, Inc. hereby certifies that

Sarah A. Ganswindt

has attended an asbestos training class conducted 1/11/2007 thereby meeting the qualification requirements for

Asbestos Inspector Update

In recognition of this accomplishment, Good Armstrong Training & Consulting, The. hereby awards

Certificate #9200, which expires on 1/11/2008. by the Wisconstn Department of Health and Framily, Services Acoredited under U.S. EPA (TSCA) D. AHERAN regulations

Course #415

/// Attested / this date of 1/11/2007 by

un' Malustromi Vice President

Good Armstrong Training & Consulting. Inc

Good Armstrong Training & Consulting, Inc. hereby certifies that

Sarah A. Ganswindt

has attended an aspestos training class conducted 1/5/2007 thereby meeting the qualification requirements for

Asbestos Supervisor Update

In recognition of this accomplishment. Good Armstrong Training & Consulting, Inc. hereby awards Oertificate #9168; which expires on 1/5/2008;

Accredited under U.S. EBA (TSOA U. AHERA) regulations
by the Wiscousts Department of Health and Family Services

Course #410

Good Armstrong Training & Consulting, Inc.

P.O. Box 210195, Milwaukee, WI 53221-8004 (262) 971-9663

Good Armstrong Training & Consulting, Inc. hereby certifies that

Timothy A. Klingbiel

has attended an asbestos training class conducted 4/4/2007 thereby meeting the qualification requirements for

Asbestos Inspector Update

In recognition of this accomplishment, Good Armstrong Training & Consulting, Inc. hereby awards Certificate #10036, which expires on 4/4/2008.

Accredited under U.S. EPA (TSCA II, AHERA) regulations by the Wisconsin Department of Health and Family Services

Course #415

Attested this date of 4/4/2007 by

Paul Malmstrom, Vice President

Good Armstrong Training & Consulting, Inc.

P.O. Box 210195, Milwaukee, WI 53221-8004 (262) 971-9663

Good Armstrong Training & Consulting, Inc. hereby certifies that

Timothy A. Klingbiel

has attended an asbestos training class conducted 4/3/2007 thereby meeting the qualification requirements for

Asbestos Supervisor Update

In recognition of this accomplishment, Good Armstrong Training & Consulting, Inc. hereby awards Certificate #10064, which expires on 4/3/2008.

Accredited under U.S. EPA (TSCA II, AHERA) regulations by the Wisconsin Department of Health and Family Services

Course #413

Attested this date of 4/3/2007 by

Paul Malmstrom, Vice President

United States Department of Commerce National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101247-0

Micro Analytical, Inc.

Milwaukee, WI

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated 18 June 2005).

2007-01-01 through 2007-12-31

Effective dates



For the National Institute of Standards and Technology



National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Micro Analytical, Inc. 11521 W. North Ave. Milwaukee, W1 53226 Mr. Jon Yakish

Phone: 414-771-0855 Fax: 414-771-6570

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 101247-0

Scope Revised: 2007-02-01

NVLAP Code 1

Designation / Description

18/A01

EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation

Samples

2007-01-01 through 2007-12-31

Effective dates

For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

Page 1 of 1

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Your Essentlal Connection

2/7/2007

Jon Yakish Micro Analytical, Inc. 11521 W. North Ave, Milwaukee, WI 53226

Lab ID# 101057

Dear Jon.

Please find your laboratory's Industrial Hygiene Proficiency Analytical Testing (IHPAT) results for Round 168. The deadline for ordering a retest is March 2, 2007. IHPAT Round 169 sample kits will be mailed to laboratories around April 1, 2007. Your laboratory's data will be due by 11:59pm EST on May 1, 2007. The analytes for round 169 are:

- Metals cadmium, lead, zinc
- Asbestos chrysotile
- Silica calcite background
- Organics chloroform(CFM), 1,2 dichloroethane(DCE), 1,1,1-trichloroethane (MCM)

Please handle, store and analyze your laboratory's PAT samples in the same manner as routine client samples. To submit your laboratory's data, please visit the Proficiency Analytical Testing (PAT) page and click on the PAT Data Entry Portal: http://www.aiha.org/Content/LQAP/PT/pt.htm

Your laboratory's password needed to access the PAT Data Entry Portal is provided in the upper right hand corner (next to your lab ID#) of the address label on the results submission form included with your PAT samples.

Print and save the confirmation page after submitting data via the AllHA PAT Data Entry Portal.

The AIHA Laboratory Quality Assurance Programs Policies and Application for AIHA accreditation are available on-line.

http://www.aiha.org/Content/LOAP/documents/documents.htm

Note: The Policies for 2007 comply with ISO/IEC 17025: 2005.

I encourage you to contact me with any feedback, questions or if you wish to contest your results at (703) 846-0797.

Sincerely,

Natasha Sckitoleko PAT Data Specialist

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JUL-26-2007 14:59

Page 2 of 4 2/7/2007 Lab ID: 101057

Industrial Hygiene Proficiency Analytical Testing Results

This document contains three sub-reports relating to IHPAT Round 168. The first report contains your laboratory's results listed per contaminant, per sample. The second report contains your current and 2 previous test round performance respectively (where applicable), and the final report contains summary results for all laboratories for IHPAT round 168.

Testing Results for IHPAT Round 168

This part of the report contains your laboratory's results listed per contaminant, per sample.

Contaminant	Units	#	Result	Ref. Value	Lower Limit	Upper Limit	z-S core	Rating
Asbestos / Fibers (ASB)	f/mm2	1	205	198	97	334	0.2	Α
	f/mm2	2	427	349	190	556	1.2	A
	f/mm2	3	260	269	133	453	-0.2	^
	1/mm2	4	82	79	39	134	0.2	٨

Please note:

Reference value is the mean of the reference laboratories
Lower limit = reference value - 3 standard deviations
Upper limit = reference value +3 standard deviations
A: Acceptable Analysis; U: Unacceptable Analysis

Z-score = (reported result - reference value)/standard deviation

Note: The acceptability of reported results is based on upper and lower performance limits. This is why a reported result may appear unacceptable according to z-score, but be identified as acceptable.

Page 3 of 4 2/7/2007

Lab ID: 101057

Overall Performance Summary Concluding with 168

The following table contains your laboratory's current and 2 previous test rounds performance respectively (where applicable). For more information in regard to the determination of proficioncy, please see Policy Module 6B, Section 6B.2 for IHPAT and Policy Module 6C Section 6C.2 for ELPAT Lead-in-Air located at: http://www.aiha.org/Content/LOAP/documents/accredpolicymods.htm

Sample	Round Round Performance		Round Score	Proficiency Status -Three Round Score	
	166	4/4	Pass		
Asbestos	167	4/4	Pass		
	168	4/4	Pass	Р	

Please note:

The denominators represent the total number of samples analyzed.

The numerators represent the number of acceptable results.

Pass: Round Score ≥ 75% Fail: Round Score < 75%

P - Proficient; NP - Non-proficient.

A laboratory is rated proficient (P) for the associated FoT/Mothod(s), if the laboratory has a passing score for the applicable PT analyte class in two (2) of the last three (3) consecutive PT rounds. A laboratory is rated non-proficient (NP) for the applicable FoT/Method If the laboratory has failing scores for the associated PT analyte class in two (2) of the last three (3) consecutive PT rounds.

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If a laboratory receives samples and does not report the data, the results will be treated as outliers.

Page 4 of 4 2/7/2007 Lab ID: 101057

Performance of all Labs for IHPAT Round 168

The following table contains aggregate results for all laboratories participating in IHPAT round 168.

Conteminant	ı,	Ref. Value	Std Dev	RSD (%)	Total Labs	Total Acceptable	Low Outlier	High Outlier
	1	0.01690	0.00092	5.4	191	182	5	4
Cadmium (CAD)	2	0.01200	0.00058	4.8	191	178	7	6
	3	0.00680	0.00036	5.3	191	183	5	3
	4	0.00220	0.00017	7.8	191	184	2	5
	1	0.1978	0.0105	5.3	191	181	5	5
Charling (CUD)	2	0.0410	0.0023	5.5	191	181	2	Ľ
Chromium (CHR)	3	0.0798	0.0046	5.8	191	182	3	6
	4	0.1491	0.0087	5.8	191	182	3	6
	1	0.0584	0.0028	4.8	191	184	3	4
1 // CA	2	0.0966	0.0046	4.8	191	184	2	5
Lead (LEA)	3	0.0203	0.0012	5.7	191	183	1	4
	4	0.0394	0.0019	4.9	191	185	4	2
	1	0.1055	0.0176	16.7	59	56	0	3
Silice (SIL)	2	0.1149	0.0172	15.0	59	59	0	0
Sinca (SIL)	3	0.1577	0.0237	15,0	59	57	1	1
	4	0.0801	0.0160	20.0	59	57	0	2
	1	198	40	20.0	744	718	8	31
Achasias / Elham (ASP)	2	349	61	17.5	744	706	13	25
Asbostos / Fibers (ASB)	3	269	53	19.8	744	708	7	29
	4	79	16	20.0	744	695	26	23
	1	0.9612	0.0660	6.9	158	151	4	3
Methyl Ethyl Kolone (MEK)	2	0.7770	0.0510	6.6	158	151	3	4
meny eny notone (meny	3	0.4898	0.0349	7.1	158	150	3	. 5
	4	0.2006	0.0156	7.8	158	150	4	4
Methyl Isobutyl Kelone (MIK)	1	0.6878	0.0404	5.9	157	151	2	4
	2	0.4834	0.0289	6.0	157	152	2	3
	3	0.2874	0.0202	7.0	157	152	3	2
	4	0.1015	0.0078	7.7	157	147	G	4

TH -26-2007 15:00

15:00

McCRONE RESEARCH INSTITUTE

certifies that

Jon Yakish

has successfully completed an intensive course of instruction in

Advanced Asbestos Identification

given by the McCrone Research Institute

Presented this 3rd day of Feb. 1995

Course Date: Jan. 30. Feb. 3, 1995

3.5 CEU's

Many J. faught

Walter C McCione

McCRONE RESEARCH INSTITUTE

certifies that

Arthur L. Warneke III

has successfully completed an intensive course of instruction in "Microscopical Identification" of Asbestos"

given by the McCrone Research Institute

Presented this 22nd day of June, 1990

Course Date: 18-22 June, 1990

3.5 CEU's

Walter C Mc Come

United States Department of Commerce National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:1999

NVLAP LAB CODE: 200188-0

EMSL Analytical, Inc.

Indianapolis, IN

is recognized by the National Voluntary Laboratory Accreditation Program for conformance with criteria set forth in NIST Handbook 150:2001 and all requirements of ISO/IEC 17025:1999.

Accreditation is granted for specific services, listed on the Scope of Accreditation, for:

AIRBORNE ASBESTOS FIBER ANALYSIS

2007-04-01 through 2008-03-31

Effective dates



For the National Institute of Standards and Technology



National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:1999

EMSL Analytical, Inc.

2001 E. 52nd Street Indianapolis, IN 46205-1405

Mr. Richard Harding

Phone: 317-803-2997 Fax: 317-803-3047

E-Mail: rharding@emsl.com URL: http://www.emsl.com

AIRBORNE ASBESTOS FIBER ANALYSIS (TEM)

NVLAP LAB CODE 200188-0

NVLAP Code

Designation / Description

18/A02

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

2007-04-01 through 2008-03-31

Effective dates

For the National Institute of Standards and Technology

Page 1 of 1

NVLAP-01S (REV. 2005-05-19)



National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:1999

EMSL Analytical, Inc.

2001 E. 52nd Street Indianapolis, IN 46205-1405 Mr. Richard Harding

Phone: 317-803-2997 Fax: 317-803-3047

E-Mail: rharding@emsl.com URL: http://www.emsl.com

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 200188-0

NVLAP Code

Designation / Description

18/A01

EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation

Samples

2007-04-01 through 2008-03-31

Effective dates

Dally S. Buce
For the National Institute of Standards and Technology

Page 1 of 1

NVLAP-01S (REV. 2005-05-19)

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SHEETS

